Resource Summary Report

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MRC Protein Phosphorylation and Ubiquitylation Unit MRC PPU Reagents and Services Core Facility

RRID:SCR_023283
Type: Tool

Proper Citation

MRC Protein Phosphorylation and Ubiquitylation Unit MRC PPU Reagents and Services Core Facility (RRID:SCR_023283)

Resource Information

URL: https://mrcppureagents.dundee.ac.uk/

Proper Citation: MRC Protein Phosphorylation and Ubiquitylation Unit MRC PPU Reagents and Services Core Facility (RRID:SCR_023283)

Description: Focused on cell signalling pathways, provides access to reagents and services involving kinase and ubiquitin targets and associated substrates and interacting proteins. Provides expertise and assistance in projects development. Offers services for protein generation and antibody development.

Synonyms: MRC PPU Reagents and Services, MRC Protein Phosphorylation and Ubiquitylation Unit MRC PPU Reagents and Services

Resource Type: core facility, service resource, access service resource

Keywords: USEDit, ABRF, cell signalling pathways, reagents and services, kinase, ubiquitin targets, protein generation, antibody development,

Availability: Open

Resource Name: MRC Protein Phosphorylation and Ubiquitylation Unit MRC PPU Reagents and Services Core Facility

Resource ID: SCR_023283

Alternate IDs: ABRF_1687

Alternate URLs: https://coremarketplace.org/?FacilityID=1687&citation=1

Record Creation Time: 20230216T050210+0000

Record Last Update: 20260801T191243+0000

Ratings and Alerts

No rating or validation information has been found for MRC Protein Phosphorylation and Ubiquitylation Unit MRC PPU Reagents and Services Core Facility.

No alerts have been found for MRC Protein Phosphorylation and Ubiquitylation Unit MRC PPU Reagents and Services Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 35 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Amnekar RV, et al. (2025) NRBP1 pseudokinase binds to and activates the WNK pathway in response to osmotic stress. Science advances, 11(29), eadv4636.

Waschbüsch D, et al. (2025) Structural basis for binding of RILPL1 to TMEM55B reveals a lysosomal platform for adaptor assembly through a conserved TBM motif. bioRxiv : the preprint server for biology.

Madsen RR, et al. (2025) Oncogenic PIK3CA corrupts growth factor signaling specificity. Molecular systems biology, 21(2), 126.

Singh PK, et al. (2025) Kinome screening identifies integrated stress response kinase EIF2AK1/HRI as a negative regulator of PINK1 mitophagy signaling. Science advances, 11(19), eadn2528.

Glennie L, et al. (2025) The contribution of native protein complexes to targeted protein degradation. bioRxiv : the preprint server for biology.

Chen Z, et al. (2025) Structural mimicry of UM171 and neomorphic cancer mutants co-opts E3 ligase KBTBD4 for HDAC1/2 recruitment. Nature communications, 16(1), 3144.

Lim SY, et al. (2025) Clinical and functional evidence for the pathogenicity of the LRRK2 p.Arg1067Gln variant. NPJ Parkinson's disease, 11(1), 34.

Snelling T, et al. (2025) TRAF2 binds to TIFA via a novel motif and contributes to its autophagic degradation. FEBS letters, 599(18), 2674.

Yang Z, et al. (2025) Phosphorylation enables progressive microtubule-associated protein proteolysis and functionalisation during neural development. bioRxiv : the preprint server for biology.

Brewer A, et al. (2024) Targeted dephosphorylation of SMAD3 as an approach to impede TGF-? signaling. iScience, 27(8), 110423.

Saarela D, et al. (2024) Tagless LysoIP for immunoaffinity enrichment of native lysosomes from clinical samples. The Journal of clinical investigation.

Abdul Rehman SA, et al. (2024) Discovery and characterization of noncanonical E2-conjugating enzymes. Science advances, 10(13), eadh0123.

Szulc NA, et al. (2024) DEGRONOPEDIA: a web server for proteome-wide inspection of degrons. Nucleic acids research, 52(W1), W221.

Snelling T, et al. (2024) Measurement of the Activity of Wildtype and Disease-Causing ALPK1 Mutants in Transfected Cells With a 96-Well Format NF-?B/AP-1 Reporter Assay. Bio-protocol, 14(22), e5113.

Raimi OG, et al. (2024) Mechanism of human PINK1 activation at the TOM complex in a reconstituted system. Science advances, 10(23), eadn7191.

Sanchez-Lopez I, et al. (2024) STIM1 translocation to the nucleus protects cells from DNA damage. Nucleic acids research, 52(5), 2389.

Makhlouf L, et al. (2024) The UFM1 E3 ligase recognizes and releases 60S ribosomes from ER translocons. Nature, 627(8003), 437.

Lange SM, et al. (2024) VCP/p97-associated proteins are binders and debranching enzymes of K48-K63-branched ubiquitin chains. Nature structural & molecular biology, 31(12), 1872.

Polo Rivera C, et al. (2024) CMG helicase disassembly is essential and driven by two pathways in budding yeast. The EMBO journal, 43(18), 3818.

Koch I, et al. (2024) USP27X variants underlying X-linked intellectual disability disrupt protein function via distinct mechanisms. Life science alliance, 7(3).