

Product datasheet for **TP502576**

Uchl1 (NM_011670) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse ubiquitin carboxy-terminal hydrolase L1 (Uchl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR202576 representing NM_011670
Red=Cloning site **Green**=Tags(s)

MQLKPMEINPEMLNKVLAKLGVAGQWRFADVLGLEEETLGSVPSACALLLLFPLTAQHENFRKKQIEEL
KGQEVSPKVYFMKQTIGNSCGTIGLIHAVANNQDKLEFEDGSVLKQFLSETEKLSPEDRAKCFEKNEAIQ
AAHDSVAQEGQCRVDDKVNHFHILFNNVDGHLIELDGRMPFPVNHGASSEDSLLQDAAKVCREFTEREQG
EVRFSAVALCKAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 25.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_035800](#)

Locus ID: 22223

UniProt ID: [Q9R0P9](#)

RefSeq Size: 1156



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Cytogenetics:	5 35.95 cM
RefSeq ORF:	669
Synonyms:	AW822034; C88048; gad; PGP 9.5; PGP9.5; R75593; UCH-L1; UCHL-1
Summary:	Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins (Probable). This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin (PubMed:12913066). Also binds to free monoubiquitin and may prevent its degradation in lysosomes (PubMed:12913066). The homodimer may have ATP-independent ubiquitin ligase activity (By similarity).[UniProtKB/Swiss-Prot Function]