

Product datasheet for TP302126

UCH37 (UCHL5) (NM_015984) Human Recombinant Protein

Product data:

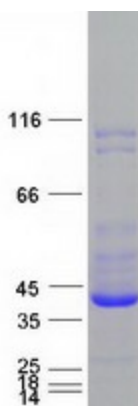
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens ubiquitin carboxyl-terminal hydrolase L5 (UCHL5), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202126 representing NM_015984 Red=Cloning site Green=Tags(s)
	<p>MTGNAGEWCLMESDPGVFTELIKGFGRGAQVEEIWSELPENFEKLPVHGLIFLFWQPGEEPAGSVVQ DSRLDTIFFAKQVINNACATQAIVSVLLNCTHQDVHLGETLSEFKFSQSFDAAMKGLALSNSDVIRQVH NSFARQQMFEDTKTSAKEEDAFHFVSYVPVNGRLYELDGLREGPIDLGACNQDDWISAVRPVIEKRIQK YSEGEIRFNLMAIVSDRKMIYEQKIAELQRQLAEEEPMDTDQGNSMLSIAIQSEVAKNQMLIEEEVQKLR YKIENIRRKHNYLPFIMELLKTLAEHQQLIPLVEKAKEKQNAKKAQETK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	37.4 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_057068
Locus ID:	51377



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UniProt ID:	Q9Y5K5
RefSeq Size:	1728
Cytogenetics:	1q31.2
RefSeq ORF:	987
Synonyms:	CGI-70; INO80R; UCH-L5; UCH37
Summary:	Protease that specifically cleaves 'Lys-48'-linked polyubiquitin chains. Deubiquitinating enzyme associated with the 19S regulatory subunit of the 26S proteasome. Putative regulatory component of the INO80 complex; however is inactive in the INO80 complex and is activated by a transient interaction of the INO80 complex with the proteasome via ADRM1. [UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Protease

Product images:



Coomassie blue staining of purified UCHL5 protein (Cat# TP302126). The protein was produced from HEK293T cells transfected with UCHL5 cDNA clone (Cat# [RC202126]) using MegaTran 2.0 (Cat# [TT210002]).