Recombinant Full Length Human OTUB1 Protein, C-Flag-tagged

Cat. No. OTUB1-895HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human OTUB1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The product of this gene is a member of the OTU (ovarian tumor) superfamily of predicted cysteine proteases. The encoded protein is a highly specific ubiquitin iso-peptidase, and cleaves ubiquitin from branched poly-ubiquitin chains but not from ubiquitinated substrates. It interacts with another ubiquitin protease and an E3 ubiquitin ligase that inhibits cytokine gene transcription in the immune system. It is proposed to function in specific ubiquitin-dependent pathways, possibly by providing an editing function for polyubiquitin chain growth. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	31.1 kDa
AA Sequence	MAAEEPQQQKQEPLGSDSEGVNCLAYDEAIMAQQDRIQQEIAVQNPLVSERLELSV LYKEYAEDDNIYQ QKIKDLHKKYSYIRKTRPDGNCFYRAFGFSHLEALLDDSKELQR FKAVSAKSKEDLVSQGFTEFTIEDF HNTFMDLIEQVEKQTSVADLLASFNDQSTSDY LVVYLRLLTSGYLQRESKFFEHFIEGGRTVKEFCQQE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

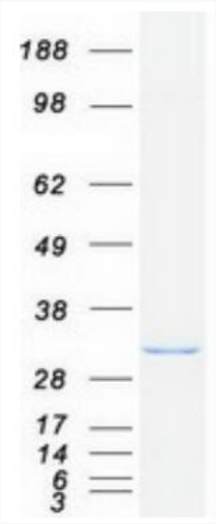
	VEPMCKESDHIHIIALAQALSVSIQVEYMDRGEGGTTNPHIFPEGSEPKVYLLYRPGH YDILYKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Protease
Full Length	Full L.

GENE INFORMATION

Gene Name	OTUB1 OTU deubiquitinase, ubiquitin aldehyde binding 1 [Homo sapiens (human)]
Official Symbol	OTUB1
Synonyms	OTB1; OTU1; HSPC263
Gene ID	55611
mRNA Refseq	NM_017670.3

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq	NP_060140.2
MIM	608337
UniProt ID	Q96FW1



Coomassie blue staining of purified OTUB1 protein.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA