

## Product datasheet for **TP309650L**

### OTUB2 (NM\_023112) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human OTU domain, ubiquitin aldehyde binding 2 (OTUB2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209650 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSETSFNLISEKCDILSILRDHPENRIYRRKIEELSKRFTAIRKTKGDGNCFYRALGYSYLESLLGKSRE  
IFKFKERVLQTPNDLLAAGFEEHKFRNFFNAFYVWELVEKDGVSLLKVFNDQSASDHIVQFLRLLS  
AFIRNRADFFRHFIDEEMDIKDFCTHEVEPMATECDHIQITALSQALSIALQVEYVDEMDTALNHHVFPE  
AATPSVYLLYKTSYHNILYAADKH

**SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	27 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:	<u><a href="#">NP_075601</a></u>
Locus ID:	78990
UniProt ID:	<u><a href="#">Q96DC9</a></u>



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RefSeq Size: 3873

Cytogenetics: 14q32.12

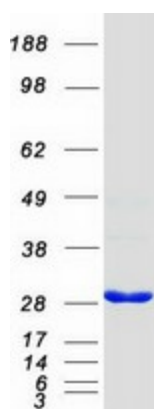
RefSeq ORF: 702

Synonyms: C14orf137; OTB2; OTU2

**Summary:** This gene encodes one of several deubiquitylating enzymes. Ubiquitin modification of proteins is needed for their stability and function; to reverse the process, deubiquitylating enzymes remove ubiquitin. This protein contains an OTU domain and binds Ubal (ubiquitin aldehyde); an active cysteine protease site is present in the OTU domain. [provided by RefSeq, Aug 2011]

**Protein Families:** Protease

### Product images:



Coomassie blue staining of purified OTUB2 protein (Cat# [TP309650]). The protein was produced from HEK293T cells transfected with OTUB2 cDNA clone (Cat# [RC209650]) using MegaTran 2.0 (Cat# [TT210002]).