

Product datasheet for PH309650

OTUB2 (NM_023112) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OTUB2 MS Standard C13 and N15-labeled recombinant protein (NP_075601)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209650
Predicted MW:	27.2 kDa
Protein Sequence:	>RC209650 protein sequence Red =Cloning site Green =Tags(s) MSETSFNLISEKCDILSILRDHPENRIYRRKIEELSKRFTAIRKTKGDGNCFYRALGYSYLESLLGKSRE IFKFKERVLQTPNDLLAAGFEEHKFRNFFNAFYSVVELVEKDGSVSSLLKVFNDQSASDHIVQFLRLTTS AFIRNRADFFRHFIDEEMDIKDFCTHEVEPMATECDHIQITALSQALSIALQVEYVDEMDTALNHHVFPE AATPSVYLLYKTSHYNILYAADKH SGP TRTRPLE QKLI SEEDLA ANDILDYKDDDDK V
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_075601
RefSeq Size:	3873
RefSeq ORF:	702
Synonyms:	C14orf137; OTB2; OTU2
Locus ID:	78990
UniProt ID:	Q96DC9



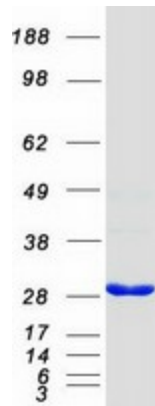
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Cytogenetics: 14q32.12

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]).