

Product datasheet for PH304431

Ubiquitin D (UBD) (NM_006398) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UBD MS Standard C13 and N15-labeled recombinant protein (NP_006389)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204431
Predicted MW:	18.5 kDa
Protein Sequence:	>RC204431 protein sequence Red=Cloning site Green=Tags(s) MAPNASCLCVHVRSEEWDLMTFDANPYDSVKKIKEHVRSKTKVPVQDQVLLLGSKILKPRRSLSSYGIDK EKTIHLTLKVVKPSDEELPLFLVESGDEAKRHLLQVRRSSSVAQVKAMIETKTGIIPETQIVTCNGKRLE DGKMMADYGIRKGNLLFLACYCIGG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_006389
RefSeq Size:	1006
RefSeq ORF:	495
Synonyms:	FAT10; GABBR1; UBD-3
Locus ID:	10537
UniProt ID:	O15205 , A0A1U9X8S6



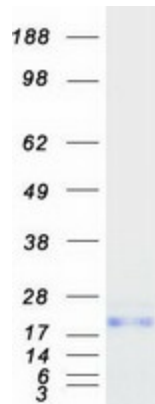
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Cytogenetics: 6p22.1

Summary: This gene encodes a protein which contains two ubiquitin-like domains and appears to have similar function to ubiquitin. Through covalent attachment, the encoded protein targets other proteins for 26S proteasome degradation. This protein has been implicated to function in many cellular processes, including caspase-dependent apoptosis, formation of aggresomes, mitotic regulation, and dendritic cell maturation. Upregulation of this gene may promote inflammation in chronic kidney disease and has been observed in many cancer types. [provided by RefSeq, Aug 2017]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified UBD protein (Cat# [TP304431]). The protein was produced from HEK293T cells transfected with UBD cDNA clone (Cat# [RC204431]) using MegaTran 2.0 (Cat# [TT210002]).