

Product datasheet for PH308225

UBXD3 (UBXN10) (NM_152376) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UBXN10 MS Standard C13 and N15-labeled recombinant protein (NP_689589)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208225
Predicted MW:	30.8 kDa
Protein Sequence:	>RC208225 protein sequence Red =Cloning site Green =Tags(s)

MATEAPVNIAPPECSTVVSTAVDSLWQPNLSNMHMIRPKSAKGRTRPSLQKSQGVCAHHIPSPPPAI
 PYELPSSQKPGACAPKSPNQGASDEIPELQQQVPTGASSLNKYPVLPSINRKNLEEEAVETVAKKASSL
 QLSSIRALYQDETGMTKTSEEDSRARACAVKRFIVRTKKQGSSRAGNLEEPSDQEPRLLLAVRSPTGQR
 FVRHFRPTDDLQTI VAVAEQKNKTSYRHCSIETMEVPRRRFSDLTKSLQECRIPHKSVLGLISLEDGEGWP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

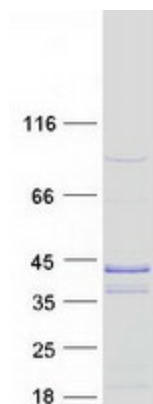
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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_689589
RefSeq Size:	2987
RefSeq ORF:	840
Synonyms:	UBXD3
Locus ID:	127733
UniProt ID:	Q96LJ8


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Cytogenetics: 1p36.12

Summary: VCP/p97-binding protein required for ciliogenesis (PubMed:26389662). Acts as a tethering factor that facilitates recruitment of VCP/p97 to the intraflagellar transport complex B (IFT-B) in cilia (PubMed:26389662). UBX domain-containing proteins act as tethering factors for VCP/p97 and may specify substrate specificity of VCP/p97 (PubMed:26389662). [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified UBXN10 protein (Cat# [TP308225]). The protein was produced from HEK293T cells transfected with UBXN10 cDNA clone (Cat# [RC208225]) using MegaTran 2.0 (Cat# [TT210002]).