

Product datasheet for PH307898

TOB2 (NM_016272) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TOB2 MS Standard C13 and N15-labeled recombinant protein (NP_057356)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207898
Predicted MW:	36.6 kDa
Protein Sequence:	>RC207898 protein sequence Red=Cloning site Green=Tags(s) <p>MQLEIKVALNFIISYLYNKLPRRRADLFGHEELERLLKKKYEGHWYPEKPLKSGFRCVHIGEMVDPVVEL AAKRSGLAVEDVRANVPEELSVWIDPFVSYQIGEKGAVKVLYLDDSEGCGAPELDKEIKSSFNPDAQVF VPIGSQDSSLNSPSPSFGQSPSPTFIPRSAQPITFTTASFATKFGSTKMKKGGGAASGGGVASSGAGG QQPPQQPRMARSPTNSLLKHKSLSLSMHSLNFITANPAPQSQLSPNAKEFVYNGGSPSLFFDAADGQGS GTPGPFGGSGAGTCNSSSFDMAQVFGGGANSLFLEKTPFVEGLSYNLNTMQYPSQQFQPVVLAN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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:	<u>NP_057356</u>
RefSeq Size:	4575
RefSeq ORF:	1032
Synonyms:	APRO5; TOB4; TOBL; TROB2
Locus ID:	10766



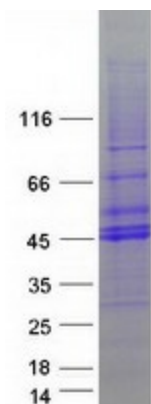
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UniProt ID: [Q14106](#)

Cytogenetics: 22q13.2

Summary: TOB2 belongs to the TOB (see TOB1; MIM 605523)/BTG1 (MIM 109580) family of antiproliferative proteins, which are involved in the regulation of cell cycle progression. [supplied by OMIM, Apr 2004]

Product images:



Coomassie blue staining of purified TOB2 protein (Cat# [TP307898]). The protein was produced from HEK293T cells transfected with TOB2 cDNA clone (Cat# [RC207898]) using MegaTran 2.0 (Cat# [TT210002]).