

Product datasheet for PH310451

GTPBP10 (NM_033107) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GTPBP10 MS Standard C13 and N15-labeled recombinant protein (NP_149098)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210451
Predicted MW:	42.9 kDa
Protein Sequence:	>RC210451 protein sequence Red=Cloning site Green=Tags(s)
	MVHCSCVLF RKYGNFIDKLR LFRGGSGMGYPRLGGEGGKGGDVWVVAQNRMTLKQLKDRYPGKRFVAG VGANSKISALKGSKGKDWEIPVPVGVISVTDENGKIIGELNKENDRILVAQGG LGGKLLTNFLPLKGQKRI IHLDLKLIADVGLVGFNPAGKSSLLSCVSHAKPAIADYAF TTKPELGKIMYSDFKQISVADLPGLIEGA HMNKGMGHKFLKHIERTRQLLFVVDISGFQLSSHTQYRTAFETIILLTKELELYKEELQTKPALLAVNKM DLPDAQDKFHELMSQLQNPKDFLHLFEKNMIPERTVEFQHIIPISAVTGEIEELKNCIRKSLDEQANQE NDALHKKQLLNLWISDTMSSTEPSPKHAVTTSKMDII
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_149098
RefSeq Size:	7550
RefSeq ORF:	1161
Synonyms:	ObgH2; UG0751c10
Locus ID:	85865



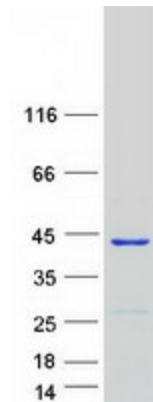
[View online »](#)

UniProt ID: [A4D1E9](#)

Cytogenetics: 7q21.13

Summary: Small G proteins, such as GTPBP10, act as molecular switches that play crucial roles in the regulation of fundamental cellular processes such as protein synthesis, nuclear transport, membrane trafficking, and signal transduction (Hirano et al., 2006 [PubMed 17054726]). [supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified GTPBP10 protein (Cat# [TP310451]). The protein was produced from HEK293T cells transfected with GTPBP10 cDNA clone (Cat# [RC210451]) using MegaTran 2.0 (Cat# [TT210002]).