

Product datasheet for PH315103

GTPBP1 (NM_004286) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GTPBP1 MS Standard C13 and N15-labeled recombinant protein (NP_004277)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215103
Predicted MW:	72.3 kDa
Protein Sequence:	>RC215103 representing NM_004286 Red=Cloning site Green=Tags(s)

MATERSRSAMDSPVPMASF APEPSSPGAARAAAAAARLHGGFSDCEDGEALNGEPELDLTSKLVLVSP
TSEQYDLSLLRQMWERMDEGCGETIYVIGQGSDGTEYGLSEADMEASYATVKSMAEQIEADVILLRERQEA
GGRVRYDYLVRKRVGDNDFLEVRVAVVGNVDAGKSTLLGVLTHGELDNGRGFARQKLF RHKHEIESGRTSS
VGNLILGFDSEGNVVKPDSHGGSLEWTKICEKSTKVITFIDLAGEKYLKTTVFGMTGHLPDFCMLMVG
SNAGIVGMTKEHLGLALALNVPVFVVVTKIDMCPANILQETLKLQRLKSPGCRKIPVLVQSKDDVIVT
ASNFSERMCPIFQISNVTGENLDLLKMFLNLLSPRTSYREEEPAEFQIDDTYSVPGVGTVVSGTTLRGL
IKLNDTLLLGPDPLGNFLSIAVKSIHRKRPVKEVRGGQTASFALKKIKRSSIRKGMVMVSPRLNPQASW
EFEAEILVLHHPITISPRYQAMVHCGSIRQTATILSMDKDCLRTGDKATVHFRFIKTPEYLHIDQRLVFR
EGRTKAVGTITKLLQTTNNSPMNSKPQQIKMQSTKKGPLTKRDEGGPSSGGPAVGAPPPGDEASSVGAGQP
AASSNLQPQPKPSSGRRRRGGQRHKVKVKSQGACVTPASGC

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- 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:	<u>NP_004277</u>
RefSeq Size:	5074



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RefSeq ORF: 2007

Synonyms: GP-1; GP1; HSPC018

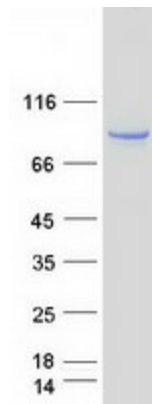
Locus ID: 9567

UniProt ID: [O00178](#)

Cytogenetics: 22q13.1

Summary: This gene is upregulated by interferon-gamma and encodes a protein that is a member of the AGP11/GTPBP1 family of GTP-binding proteins. A structurally similar protein has been found in mouse, where disruption of the gene for that protein had no observable phenotype. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified GTPBP1 protein (Cat# [TP315103]). The protein was produced from HEK293T cells transfected with GTPBP1 cDNA clone (Cat# [RC215103]) using MegaTran 2.0 (Cat# [TT210002]).