

Product datasheet for PH318756

GBP7 (NM_207398) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GBP7 MS Standard C13 and N15-labeled recombinant protein (NP_997281)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218756
Predicted MW:	72.3 kDa
Protein Sequence:	>RC218756 representing NM_207398 Red=Cloning site Green=Tags(s)

MASEIHMPGPVCLTENTKGHLVVNSEALEILSAITQPVVVVAIVGLYRTGKSYLMNKLAGKNKGFP LGCT
VKSETKGIWMWCVPHPSPKNHTLILLDTEGLGDMEKSDPKSDSWIFALAVLLSSSFVYNSMGTINHQALE
QLHYVTELTTELIRAKSCPRPDEVEDSSEFVSFFPDFIWTVRDFTLELKLGDGHPITEDEYLENALKLISGK
NPQIQNSNKPREWIRHFFPKQKCFVDRPINDKLLLVHVEEVREDQLDSNFQMSENFCYIFTHAKTKT
LREGILVTGNRLGMLVETYLDAINSGATPCLENAMAVLAQCENSAAVQRAANHYSQMAQQVRFPTDTLQ
ELLDVHAVCEREIAVFMESYFKDKSQEFQKLVDTMEKKKEDFVLQNEEASAKYCQAEKRLSELLTES
ISRGTFVPGGHNIYLEAKKKIEQDYTLVPRKGVKADEVLQSFLQSQVVEESILQSDKALTAGEKAIAA
KQAKKEAAEKEQELLRQKQEQQMMAEQERSFQENIAQLKKKMERERENYRELKMLSHKMKVLEELL
TEGFKEIFESLNEEINRLKEQIEAAENEPSVFSQILDVAGSIFIAALPGAACLVDLGMKILSSLCNRLR
NPGKKIIS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

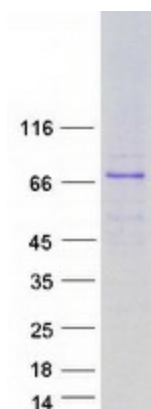
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_997281
RefSeq Size:	2418



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RefSeq ORF:	1914
Synonyms:	GBP4L
Locus ID:	388646
UniProt ID:	Q8N8V2
Cytogenetics:	1p22.2
Summary:	Guanylate-binding proteins, such as GBP7, are induced by interferon and hydrolyze GTP to both GDP and GMP (Olszewski et al., 2006 [PubMed 16689661]).[supplied by OMIM, Dec 2008]

Product images:



Coomassie blue staining of purified GBP7 protein (Cat# [TP318756]). The protein was produced from HEK293T cells transfected with GBP7 cDNA clone (Cat# [RC218756]) using MegaTran 2.0 (Cat# [TT210002]).