

Product datasheet for TP318756

GBP7 (NM_207398) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens guanylate binding protein 7 (GBP7), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218756 representing NM_207398 Red=Cloning site Green=Tags(s)

MASEIHMPGPVCLTENTKGHLVNSEALEILSAITQPVVVAIVGLYRTGKSYLMNKLKAGKNKGFPLGCT
VKSETKGIWMWCVPHPSKPNHTLILLDTEGLGDMEKSDPKSDSWIFALAVLLSSSFVYNSMGTINHQALE
QLHYVTELTIRAKSCPRPDEVEDSSEFVSFFPDFIWTVRDFTLELKLKGHPITEDEYLENALKLISGK
NPQIQNSNKPREWIRHFFPKQKCFVDRPINDKLLLVVEEVREDQLDSNFQMSENFCYIFTHAKTKT
LREGILVTGNRLGMLVETYLDAINSGATPCLENAMAVLAQCENSAAVQRAANHYSQMAQQVRFPTDTLQ
ELLDVHAVCEREIAVFMESFKDKSQEFQKKLVDTMEKKKEDFVLQNEEASAKYCQAEKRLSELLTES
ISRGTFVPGGHNIYLEAKKKIEQDYTLVPRKGVKADEVLQSFQSQVVEESILQSDKALTAGEKAIAA
KQAKKEAAEQELLRQKQKEQQMMEAQERSFQENIAQLKKMERERENYMRELKMLSHKMKVLEELL
TEGFKEIFESLNEEINRLKEQIEAAENEPSVFSQILDVAGSIFIAALPGAALVDLGMKILSSLCNRLR
NPGKKIIS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

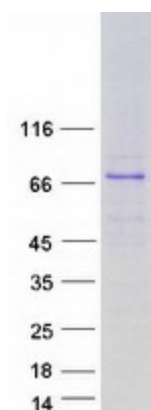
Tag:	C-Myc/DDK
Predicted MW:	72.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_997281
Locus ID:	388646
UniProt ID:	Q8N8V2
RefSeq Size:	2418
Cytogenetics:	1p22.2
RefSeq ORF:	1914
Synonyms:	GBP4L
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]).