

## Product datasheet for **TP318756M**

### GBP7 (NM\_207398) Human Recombinant Protein

#### Product data:

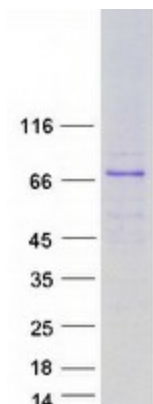
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens guanylate binding protein 7 (GBP7), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218756 representing NM_207398 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MASEIHMPGPVCLTENTKGHLVNSEALEILSAITQPVVVAIVGLYRTGKSYLMNKLKAGKNKGFPLGCT VKSETKGIWMWCVPHPSPKNHTLILLDTEGLGDMEKSDPKSDSWIFALAVLLSSSFVYNSMGTINHQALE QLHYVTELTTELIRAKSCPRPDEVEDSSEFVSFFPDFIWTVRDFTLELKLKGHPITEDEYLENALKLISGK NPQIQNSNKPREWIRHFFPKQKCFVDRPINDKLLLVVEEVREDQLDSNFQMSENFCYSIFTHAKTKT LREGILVTGNRLGMLVETYLDAINSGATPCLENAMAVLAQCENSAAVQRAANHYSQQMAQQVRFPTDTL Q ELLDVHAVCEREAIAVFM EYSFKDKSQEFQKKLVDTMEKKKEDFVLQNEEASAKYCQAEKRLSELLTES ISRGTFFVPGGHNIYLEAKKKIEQDYTLVPRKGVKADEVLQSFLLQSQVVEESILQSDKALTAGEKAIAA KQAKKEAAEKEQELLRQKQKEQQMMEAQERSFQENIAQLKKMERERENYMRRLRKMMLSHKMKVLEE LL TEGFKEIFESLNEEINRLKEQIEAAENEPSVFSQILDVAGSIFIAALPGAALKVLDLGMKILSSLCNRLR NPGKKIIS</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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.



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Storage:	Store at -80°C.
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:	<a href="#">NP_997281</a>
Locus ID:	388646
UniProt ID:	<a href="#">Q8N8V2</a>
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]).