

Product datasheet for **TP318756L**

GBP7 (NM_207398) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Homo sapiens guanylate binding protein 7 (GBP7), 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC218756 representing NM_207398
Red=Cloning site Green=Tags(s)

MASEIHMPGPVCLTENTKGHLVNSEALEILSAITQPVVVAIVGLYRTGKSYLMNKLKAGKNKGFPLGCT
 VKSETKGIWMWCVPHPSPNHTLILLDTEGLGDMEKSDPKSDSWIFALAVLLSSSFVYNSMGTINHQALE
 QLHYVTELTTELIRAKSCPRPDEVEDSSEFVSFFPDFIWTVRDFTLELKLKGHPITEDEYLENALKLISGK
 NPQIQNSNKPREWIRHFFPKQKCFVDRPINDKLLLVVEEVREDQLDSNFQMQRSENFCYSIFTHAKTKT
 LREGILVTGNRLGMLVETYLDAINS GATPCLENAMAVLAQCENSAAVQRAANHYSQQMAQQVRFPTDTL
 Q
 ELLDVHAVCEREIAVFM EYSFKDKSQEFQKKLVDTMEKKKEDFVLQNEEASAKYCQ AELKRLSELLTES
 ISRGTFVPGGHNIYLEAKKKIEQDYTLVPRKGVKADEVLQSF LQSQVVEESILQSDKALTAGEKAIAA
 KQAKKEAAEKEQELLRQKQKEQQQMMEAQERSFQENIAQLKKMERERENYMR ELRKM LSHKMKVLEE
 LL
 TEGFKEIFESLNEEINRLKEQIEAAENEPSVFSQILDVAGSIFIAALPGA AKLVLDLGMKILSSLCNRLR
 NPGKKIIS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

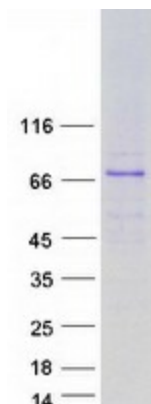
Tag: C-Myc/DDK
Predicted MW: 72.3 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity 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.



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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:	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]).