

Product datasheet for **TP309769M**

GBP4 (NM_052941) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human guanylate binding protein 4 (GBP4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209769 protein sequence Red =Cloning site Green =Tags(s)

MGERTLHAAVPTPGYPESESIMMAPICLVENQEEQLTVNSKALEILDKISQPVVVAIVGLYRTGKSYLM
NRLAGKRNGFPLGSTVQSETKGIWMWCVPHLSKPNHTLVLLDTEGLGDVEKSNPKNDWIFALAVLLSSS
FVYNSVSTINHQAELQLHYVTELAELIRAKSCPRPDEAEDSSEFASFFPDFIWTVRDFTLELKLDGNPIT
EDEYLENALKLIPGKNPKIQNSNMPRECIRHFFRKRKCFVDRPTNDKQYLNHMDEVPEENLERHFLMQS
DNFCSYIFTHAKTKTLRKGIIVTGKRLGTLVVTYVDAINS GAVPCLEN AVTALA QLEN PAAVQRAADHYS
QQMAQQRLRLPTDTLQELLDVHAACEREAIAVFMESFKDENHEFQKKLVDTIEKKKGDFVLQNEEASAKY
CQAEKRLSEHLTESILRGIFSVPGGHNLYLEKKQVEWDYKLVPRKGVKANEVLQNFLQSQVVEESIL
QSDKALTAGEKSIAAERAMKEAAEKEQELLREKQKEQQMMEAQERSFQEYMAQMEKKLEERENLLRE
H
ERLLKHKLKVQEEMLKEEFQKKSEQLNKEINQLKEKIESTKNEQLRLLKILDMASNIMIVTLPGASKLLG
VGTKYLGSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

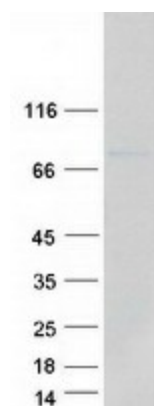
Tag:	C-Myc/DDK
Predicted MW:	73 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<u>NP_443173</u>
Locus ID:	115361
UniProt ID:	<u>Q96PP9</u>
RefSeq Size:	6160
Cytogenetics:	1p22.2
RefSeq ORF:	1920
Synonyms:	Mpa2
Summary:	Guanylate-binding proteins, such as GBP4, are induced by interferon and hydrolyze GTP to both GDP and GMP (Vestal, 2005 [PubMed 16108726]).[supplied by OMIM, Dec 2008]

Product images:



Coomassie blue staining of purified GBP4 protein (Cat# [TP309769]). The protein was produced from HEK293T cells transfected with GBP4 cDNA clone (Cat# [RC209769]) using MegaTran 2.0 (Cat# [TT210002]).