

Product datasheet for **TP314371M**

GBP6 (NM_198460) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human guanylate binding protein family, member 6 (GBP6), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214371 protein sequence Red =Cloning site Green =Tags(s)

MESGPKMLAPVCLVENNNEQLLVNQQAIQILEKISQPVVVVAIVGLYRTGKSYLMNHLAQNHGFPLGST
VQSETKGIWMWCVPHPSKPNHTLVLLDTEGLGDVEKGDPKNDSWIFALAVLLCSTFVYNSMSTINHQAL
E
QLHYVTELTELIKAKSSPRPDGVEDSTEFVSFFPDFLWTVRDFTELEKLNHPITEDEYLENALKLIQGN
NPRVQTSNFPRECI RFFPKRKC FVDRPTNDKDLLANIEKVSEKQLDPKFQEQTNIFCSYIFTHARTKT
LREGITVTGNRLGTLAVTYVEAINSGAVPCLEN AVITLAQRENSAAVQRASDYYSQQMAQRVKFPTDTLQ
ELLDVHAACEREAIAIFMEHSFKDENQEFQKKFMETTMNKKGDFLLQNEESSVQYCQAKLNELSKGLMES
ISAGSFSVPGGHKLYMETKERIEQDYWQVPRKGVKAKEVFQRFLSQMVEESILQSDKALTDREKAVAV
DRAKKEAAEKEQELLKQKLQEQQQQMEAQVKS RKENIAQLKEK LQMEREHLLREQIMMLEHTQKVQND
WL
HEGFKKKYEEMNAEISQFKRMIDTTKNDDTPWIARTLDNLADeltaTAILSAPAKLIGHGVKGVSSLFKKHK
LPF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

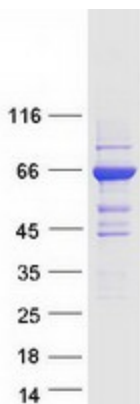
Tag:	C-Myc/DDK
Predicted MW:	72.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_940862
Locus ID:	163351
UniProt ID:	Q6ZN66
RefSeq Size:	4867
Cytogenetics:	1p22.2
RefSeq ORF:	1899
Summary:	Guanylate-binding proteins, such as GBP6, 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 GBP6 protein (Cat# [TP314371]). The protein was produced from HEK293T cells transfected with GBP6 cDNA clone (Cat# [RC214371]) using MegaTran 2.0 (Cat# [TT210002]).