

## Product datasheet for **TP314371**

### GBP6 (NM\_198460) Human Recombinant Protein

#### Product data:

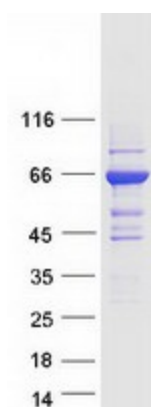
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human guanylate binding protein family, member 6 (GBP6), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214371 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MESGPKMLAPVCLVENNNEQLLVNQQAIQILEKISQPVVVAIVGLYRTGKSYLMNHLAQNHGFPLGST VQSETKGIWMWCVPHPSKPNHTLVLLDTEGLGDVEKGDPKNDWIFALAVLLCSTFVYNSMSTINHQALE QLHYVTELTELIKAKSSPRPDGVEDSTEFVSFFPDFLWTVRDFTLLEKLNHGHPITEDEYLENALKLIQGN NPRVQTSNFPRECIRRRFFPKRKCFVDRPTNDKDLLANIEKVSEKQLDPKFQEQTNIFCSYIFTHARTKT LREGITVTGNRLGTLAVTYVEAINSGAVPCLENAVITLAQRENSAAVQRASDYYSQQMAQRVKFPTDTLQ ELLDVHAACEREAIAIFMEHSFKDENQEFQKKFMETTMNKKGDFLLQNEESSVQYCQAKLNELSKGLMES ISAGSFSVPGGHKLYMETKERIEQDYWQVPRKGVKAKEVFQRFLESQMVIEESILQSDKALTDREKAVAV DRAKKEAAEKEQELLKQKLQEQQQQMEAQVKSRENIAQLKEKQLMEREHLLREQIMMLEHTQKVQNDWL HEGFKKKYEEMNAEISQFKRMIDTTKNDDTPWIARTLDNLADELTAILSAPAKLIGHGVKGVSSLFKKHK LPF
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_940862</a>
<b>Locus ID:</b>	163351
<b>UniProt ID:</b>	<a href="#">Q6ZN66</a>
<b>RefSeq Size:</b>	4867
<b>Cytogenetics:</b>	1p22.2
<b>RefSeq ORF:</b>	1899
<b>Summary:</b>	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]).