

Product datasheet for **TP309939**

GBP2 (NM_004120) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human guanylate binding protein 2, interferon-inducible (GBP2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209939 protein sequence Red =Cloning site Green =Tags(s)

MAPEINLPGPMSLIDNTKGQLLVNPEALKILSAITQPVVVAIVGLYRTGKSYLMNKLKLAGKKNGFSLGST
VKSHTKGIWMWCVPHPKPEHTLVLLDTEGLGDIEKGNENDSWIFALAILSSTFVYNSMGTINQQAMD
QLHYVTELTDRIKANSSPGNNSVDDSDAFVSFFPAFVWTLRDFTELEVDGEPITADDYLELSLKLKRG
DKKSKSFNDPRLCIRKFFPKRKFVFDWPAPKKYLAHLEQLKEEELNPDFIEQVAEFCSYLSHSNVKTL
SGGIPVNGPRLESLVLTYNVAISSGDLPCRENAVLAQAQIENSAAVEKAIHAEYEQMGQKVQLPTETLQE
LLDLHRDSEREAIEVFMKNSFKDQVDFQRFKLGALQEARDDFCKQNSKASSDCCMALLQDIFGPLEEDV
KQGTFSKPGGYRLFTQKLQELKNKYQVPRKGIQAKEVLLKYLESKEDVADALLQTDQSLSEKEKAIEVE
RIKAESAEAAKMLEEIQKNEEMMEQKEKSYQEHVKQLTEKMERDRAQLMAEQEKLALKLQEQRLLK
EGFENESKRLQKDIWDIQMRSKSLEPICNIL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

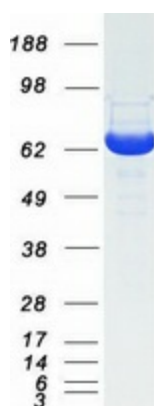
Tag:	C-Myc/DDK
Predicted MW:	67 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	NP_004111
Locus ID:	2634
UniProt ID:	P32456 , Q8TCE5
RefSeq Size:	4148
Cytogenetics:	1p22.2
RefSeq ORF:	1773
Summary:	This gene belongs to the guanine-binding protein (GBP) family, which includes interferon-induced proteins that can bind to guanine nucleotides (GMP, GDP and GTP). The encoded protein is a GTPase which hydrolyzes GTP, predominantly to GDP. The protein may play a role as a marker of squamous cell carcinomas. [provided by RefSeq, Jul 2013]

Product images:



Coomassie blue staining of purified GBP2 protein (Cat# TP309939). The protein was produced from HEK293T cells transfected with GBP2 cDNA clone (Cat# [RC209939]) using MegaTran 2.0 (Cat# [TT210002]).