

## Product datasheet for TP315103L

### GTPBP1 (NM\_004286) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human GTP binding protein 1 (GTPBP1), 1 mg  |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC215103 representing NM_004286<br>Red=Cloning site Green=Tags(s) |

MATERSRSAMDSPVPASMFAPSPSPGAARAAAAAARLHGGFSDSDCEALNGEPELDLTSKLVLVSP  
TSEQYDSSLRQMWERMDEGCGETIYVIGQSGDTEYGLSEADMEASYATVKSMAEQIEADVILLRERQEA  
GGRVRDYLVKRKRGDNDLFLEVRVAVVGNVDAGKSTLLGVLTHGELDNGRGFARQKLFHRKHIEESGRTSS  
VGNLILGFDSEGNVWNKPD SHGGSLWTKICEKSTKVITFIDLAGEKYLKTTVFGMTGHLPDFCMLMVG  
SNAGIVGMTKEHLGLALALNVPVFWVTKIDMCPANILQETLKLQRLKSPGCRKIPVLVQSKDDVIVT  
ASNFSERMCPFIQISNVTGENLDLLKMFLNLLSPRTSYREEEPAEFQIDDTYSVPGVGTVVSQTTLRGL  
IKLNDTLLLGPDP LGNFLSIAVKS IHRKRMPVKEVRGGQTASFALKKIKRSSIRKGMVMVSPRLNPQASW  
EFEAEILVHHPTTISPRYQAMVHCGSIRQTATILSMDKDC LRTGDKATVHFRFIKTPEYLHIDQRLVFR  
EGRTKAVGTITKLLQTTNNSPMNSKPQQIKMQSTKKGPLTKRDEGGPSGGPAVGAPPPGDEASSVGAGQP  
AASSNLQPQPKPSSGRRRRGGQRHKVKSQGACVTPASGC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

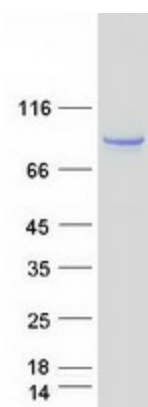
|                |  |
|----------------|--|
| Tag:           | C-Myc/DDK  |
| Predicted MW:  | 72.3 kDa   |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:        | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:        | 25 mM Tris-HCl, 100 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. |
| 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>       | <u>NP_004277</u>  |
| <b>Locus ID:</b>     | 9567  |
| <b>UniProt ID:</b>   | <u>O00178</u>   |
| <b>RefSeq Size:</b>  | 5074  |
| <b>Cytogenetics:</b> | 22q13.1   |
| <b>RefSeq ORF:</b>   | 2007  |
| <b>Synonyms:</b>     | GP-1; GP1; HSPC018  |
| <b>Summary:</b>      | This gene is upregulated by interferon-gamma and encodes a protein that is a member of the AGP11/GTPBP1 family of GTP-binding proteins. A structurally similar protein has been found in mouse, where disruption of the gene for that protein had no observable phenotype. [provided by RefSeq, Jul 2008] |

### Product images:



Coomassie blue staining of purified GTPBP1 protein (Cat# [TP315103]). The protein was produced from HEK293T cells transfected with GTPBP1 cDNA clone (Cat# [RC215103]) using MegaTran 2.0 (Cat# [TT210002]).