

## Product datasheet for **TP308730L**

### SH3BP4 (NM\_014521) Human Recombinant Protein

#### Product data:

|                                       |                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Recombinant Proteins                                                                                                               |
| Description:                          | Recombinant protein of human SH3-domain binding protein 4 (SH3BP4), 1 mg                                                           |
| Species:                              | Human                                                                                                                              |
| Expression Host:                      | HEK293T                                                                                                                            |
| Expression cDNA Clone or AA Sequence: | >RC208730 protein sequence<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s) |

MAAQRIRAANSNGLPRCKSEGLIDLSEGFSETSFNDIKVPSALLVDNPTPFNGAKEVIAIKDYCPTN  
 FTTLKFSKGDHLYVLDTSGGEWWYAHNTTEMGYIPSSYVQPLNYRNSTLSDSGMIDNLPDSPDEVAKELE  
 LLGGWTDDKKVPGRMYSNNPFWNGVQTNPFLNGNVPVMPSLDELNPKSTVDLLLFDAGTSSFTSSSAT  
 T  
 NSTGNIFDELPTNGLHAEPVRRDNPFFRSKRSYLSSELSVLQAKSDAPTSSTSSFTGLKSPAPEQFQSR  
 EDFRTAWLNHRKLARSCHDLDLLGQSPGWGQTQAVETNIVCKLDSSGGAVQLPDTSISIHVPEGHVAPGE  
 TQQISMKALLDPPELNSDRSCSISPVLEVKLSNLEVKTSIILEMKVSAEIKNDLFSKSTVGLQCLRSDS  
 KEGPYVSVPLNCSCGDTVQAQLHNLEPCMYVAVVAHGPSILYPSTVWDFINKKVTVGLYGPKHIHPSFKT  
 VVTIFGHDCAPKTLVSEVTRQAPNPAPVALQLWGKHQFVLSRPQDLKVCMFNMTNYEVKASEQAKVV  
 R  
 GFQLKLGKVSRLIFPITSQNPNELSDFTLRVQVKDDQEAILTQFCVQTPQPPPKSAIKPSGQRRFLKKNE  
 VGKIILSPFATTTKYPTFQDRPVSSLKFGKLLKTVVRQKNHLYLLEYKKGDGIALLESEVRRLRGQLWTK  
 EWYIGYYQGRVGLVHTKNVLVWGRARPSLCSGPELSTSVLLEQILRPCKFLTYIYASVRTLLMENISSWR  
 SFADALGYVNLPLTFFCRAELDSEPERVASVLEKLKEDCNNTENKERKSFQKELVMALLKMDCQGLVVRL  
 IQDFVLLTTAVEVAQRWRELAELAKVSKQQMDAYESPHRDRNGVVDSEAMWKPAYDFLLTWSHQIGDS  
 Y  
 RDVIQELHLGLDKMKNPITKRWKHLTGTLILVNSLDVLRAAAFSPADQDDFVI

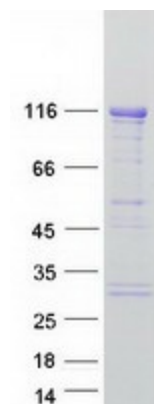
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                |                                                             |
|----------------|-------------------------------------------------------------|
| Tag:           | C-Myc/DDK                                                   |
| Predicted MW:  | 107.3 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        |


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|                          |                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Preparation:</b>      | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                                                                                                                                                                                                                                      |
| <b>Note:</b>             | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.                                                                                                                                                                                                                  |
| <b>Storage:</b>          | Store at -80°C.                                                                                                                                                                                                                                                                                                                                                       |
| <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_055336</a>                                                                                                                                                                                                                                                                                                                                             |
| <b>Locus ID:</b>         | 23677                                                                                                                                                                                                                                                                                                                                                                 |
| <b>UniProt ID:</b>       | <a href="#">Q9P0V3</a>                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq Size:</b>      | 5193                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cytogenetics:</b>     | 2q37.2                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq ORF:</b>       | 2889                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms:</b>         | BOG25; TTP                                                                                                                                                                                                                                                                                                                                                            |
| <b>Summary:</b>          | This gene encodes a protein with 3 Asn-Pro-Phe (NPF) motifs, an SH3 domain, a PXXP motif, a bipartite nuclear targeting signal, and a tyrosine phosphorylation site. This protein is involved in cargo-specific control of clathrin-mediated endocytosis, specifically controlling the internalization of a specific protein receptor. [provided by RefSeq, Jul 2008] |
| <b>Protein Families:</b> | Druggable Genome                                                                                                                                                                                                                                                                                                                                                      |

## Product images:



Coomassie blue staining of purified SH3BP4 protein (Cat# [TP308730]). The protein was produced from HEK293T cells transfected with SH3BP4 cDNA clone (Cat# [RC208730]) using MegaTran 2.0 (Cat# [TT210002]).