

## Product datasheet for TP308238L

### PI 4 Kinase type 2 beta (PI4K2B) (NM\_018323) Human Recombinant Protein

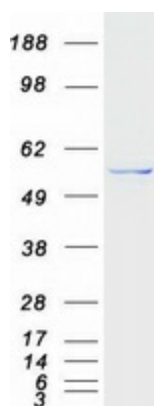
#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human phosphatidylinositol 4-kinase type 2 beta (PI4K2B), 1 mg  |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC208238 protein sequence<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)<br><br>MEDPSEPDRLASADGGSPEEEEEDGEREPLLPRIAWAHPRRGAPGSASVRLLDAAEGEEGEAGDEELPLPPGD<br>VGVSRSSPAELDRSRPAVSVTIGTSEMNAFLDDPEFADIMLRAEQAIEVGIFPERISQGSSGSYFVKDPK<br>RKIIGVFKPKSEEPYGQLNPKWTKYVHKVCCPCCFGRGCLIPNQGYLSEAGAYLVDNKLHLSIVPKTKWV<br>WLVSFTFNNAIDRAKSRGKKYALEKVPKVGKRFHRIGLPPKIGSFQLFVEGYKEAEYWLKFEADPLPE<br>NIRKQFQSQFERLVLDYIIRNTDRGNDNWLVRYEKQKCEKEIDHKESKWIDDEEFLIKIAAIDNGLAFP<br>FKHPDEWRAYPFHWAWLPQAKVPFSEEIRNLILPYISDMNFVQDLCEDLYELFKTDKGFDKATFESQMSV<br>MRGQILNLTQALRDGKSPFQLVQIPCVIVERSQGGSQGRIVHLSNSFTQTVNCRKPFSSW<br><br><span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span> |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 54.6 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.  |
| 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:                               | <u><a href="#">NP_060793</a></u>   |


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|                   |   |
|-------------------|---|
| Locus ID:         | 55300   |
| UniProt ID:       | <a href="#">Q8TCG2</a>  |
| RefSeq Size:      | 3601  |
| Cytogenetics:     | 4p15.2  |
| RefSeq ORF:       | 1443  |
| Synonyms:         | PI4KIIIB; PIK42B  |
| Summary:          | This gene encodes a member of the type II PI4 kinase protein family. The encoded protein is primarily cytosolic and contributes to overall PI4-kinase activity along with other protein family members. This protein is involved in early T cell activation. [provided by RefSeq, Dec 2016] |
| Protein Families: | Druggable Genome  |

### Product images:



Coomassie blue staining of purified PI4K2B protein (Cat# [TP308238]). The protein was produced from HEK293T cells transfected with PI4K2B cDNA clone (Cat# [RC208238]) using MegaTran 2.0 (Cat# [TT210002]).