

## Product datasheet for **TP305406M**

### PPP3R2 (NM\_147180) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein phosphatase 3 (formerly 2B), regulatory subunit B, beta isoform (PPP3R2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205406 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MSTMGNEASYPAEMCSHFDNDEIKRLGRRFKKLDLKD KSGSLSV EEFMSLP ELRHNPLVRRVIDVFDTGD GEVDFKEFILGTSQFSVKGDEEQKLRFAFSIYDMDK DGYISNGELFQVLKMMVGNLTDWQLQLVDKTI IILDKDGDGKISFEESA VVRDLEIHKKLVLIV</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	19.7 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:	<a href="#">NP_671709</a>
Locus ID:	5535
UniProt ID:	<a href="#">Q96LZ3</a> , <a href="#">A0A494C014</a>



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RefSeq Size:	3401
Cytogenetics:	9q31.1
RefSeq ORF:	519
Synonyms:	PPP3RL
Summary:	Regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated protein phosphatase. Confers calcium sensitivity.[UniProtKB/Swiss-Prot Function]
Protein Families:	Phosphatase
Protein Pathways:	Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Axon guidance, B cell receptor signaling pathway, Calcium signaling pathway, Long-term potentiation, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, Oocyte meiosis, T cell receptor signaling pathway, VEGF signaling pathway, Wnt signaling pathway

### Product images:



Coomassie blue staining of purified PPP3R2 protein (Cat# [TP305406]). The protein was produced from HEK293T cells transfected with PPP3R2 cDNA clone (Cat# [RC205406]) using MegaTran 2.0 (Cat# [TT210002]).