

Product datasheet for TP305406M

PPP3R2 (NM_147180) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Recombinant protein of human protein phosphatase 3 (formerly 2B), regulatory subunit B, **Description:** beta isoform (PPP3R2), 100 µg Species: Human **Expression Host:** HEK293T **Expression cDNA Clone** >RC205406 protein sequence Red=Cloning site Green=Tags(s) or AA Sequence: MSTMGNEASYPAEMCSHFDNDEIKRLGRRFKKLDLDKSGSLSVEEFMSLPELRHNPLVRRVIDVFDTDGD GEVDFKEFILGTSQFSVKGDEEQKLRFAFSIYDMDKDGYISNGELFQVLKMMVGNNLTDWQLQQLVDKTI IILDKDGDGKISFEEFSAVVRDLEIHKKLVLIV **TRTRPLEQKLISEEDLAANDILDYKDDDDKV** Tag: C-Myc/DDK Predicted MW: 19.7 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method > 80% as determined by SDS-PAGE and Coomassie blue staining Purity: **Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol Recombinant protein was captured through anti-DDK affinity column followed by **Preparation:** 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. Store at -80°C. Storage: Stable for 12 months from the date of receipt of the product under proper storage and Stability: handling conditions. Avoid repeated freeze-thaw cycles. **RefSeq:** NP 671709 Locus ID: 5535 **UniProt ID:** Q96LZ3, A0A494C014



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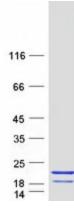
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	PPP3R2 (NM_147180) Human Recombinant Protein – TP305406M
RefSeq Size:	3401
Cytogenetics:	9q31.1
RefSeq ORF:	519
Synonyms:	PPP3RL
Summary:	Regulatory subunit of calcineurin, a calcium-dependent, calmodulin stimulated protein phosphatase. Confers calcium sensitivity.[UniProtKB/Swiss-Prot Function]
Protein Families:	Phosphatase
Protein Pathway	S: 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]).

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