

Product datasheet for **TP300331**

CALM3 (NM_005184) Human Recombinant Protein

Product data:

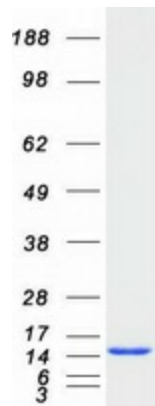
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human calmodulin 3 (phosphorylase kinase, delta) (CALM3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200331 protein sequence Red =Cloning site Green =Tags(s) MADQLTEEQIAEFKEAFSLFDKDGDTITTKELGTVMRS LGQNPTAE LQDMINEVDADGNGTIDFPEFL TMMARKMKD TDSEEEI REAFRVFDKDGNGYISAAELRHVMTNLGEKLTDEEVDEMIREADIDGGQVNYE EFVQMMTAK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	16.7 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:	NP_005175
Locus ID:	808
UniProt ID:	P62158 , P0DP23 , P0DP24 , P0DP25 , B4DJ51 , Q9BRL5
RefSeq Size:	2277



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Cytogenetics:	19q13.32
RefSeq ORF:	447
Synonyms:	CALM; CaM; CAM1; CAM2; CAMB; CaMIII; CPVT6; HEL-S-72; LQT16; PHKD; PHKD3
Summary:	This gene encodes a member of a family of proteins that binds calcium and functions as a enzymatic co-factor. Activity of this protein is important in the regulation of the cell cycle and cytokinesis. Multiple alternatively spliced transcript variants have been observed at this gene. [provided by RefSeq, Aug 2016]
Protein Families:	Druggable Genome
Protein Pathways:	Alzheimer's disease, Calcium signaling pathway, Glioma, GnRH signaling pathway, Insulin signaling pathway, Long-term potentiation, Melanogenesis, Neurotrophin signaling pathway, Olfactory transduction, Oocyte meiosis, Phosphatidylinositol signaling system, Vascular smooth muscle contraction

Product images:



Coomassie blue staining of purified CALM3 protein (Cat# TP300331). The protein was produced from HEK293T cells transfected with CALM3 cDNA clone (Cat# [RC200331]) using MegaTran 2.0 (Cat# [TT210002]).