

Product datasheet for **TP312427M**

Parvalbumin (PVALB) (NM_002854) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human parvalbumin (PVALB), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212427 protein sequence Red =Cloning site Green =Tags(s)
	MSMTDLLNAEDIKKA VGAFSATDSFDHKKFFQMVGLKKKSADDVKKVFHMLDKDKSGFIEEDELGFILKG FSPDARDLSAKETKMLMAAGDKDGDGKIGVDEFSTLVAES
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	11.9 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_002845
Locus ID:	5816
UniProt ID:	P20472 , A0A024R1K9
RefSeq Size:	586
Cytogenetics:	22q12.3



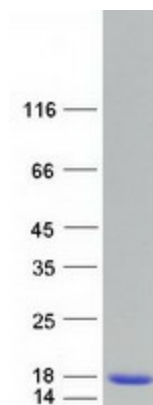
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RefSeq ORF: 330

Synonyms: D22S749

Summary: The protein encoded by this gene is a high affinity calcium ion-binding protein that is structurally and functionally similar to calmodulin and troponin C. The encoded protein is thought to be involved in muscle relaxation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]

Product images:



Coomassie blue staining of purified PVALB protein (Cat# [TP312427]). The protein was produced from HEK293T cells transfected with PVALB cDNA clone (Cat# [RC212427]) using MegaTran 2.0 (Cat# [TT210002]).