

Product datasheet for PH312427

Parvalbumin (PVALB) (NM_002854) Human Mass Spec Standard

Product data:

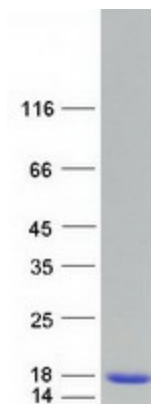
Product Type:	Mass Spec Standards
Description:	PVALB MS Standard C13 and N15-labeled recombinant protein (NP_002845)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212427
Predicted MW:	12.1 kDa
Protein Sequence:	>RC212427 protein sequence Red =Cloning site Green =Tags(s) MSMTDLLNAEDIKKAVGAFSATDSFDHKKFFQMVGLKKKSADDVKKVFHMLDKDKSGFIEEDELGFILKG FSPDARDLSAKETKMLMAAGDKDGDGKIGVDEFSTLVAES TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_002845
RefSeq Size:	586
RefSeq ORF:	330
Synonyms:	D22S749
Locus ID:	5816
UniProt ID:	P20472 , A0A024R1K9
Cytogenetics:	22q12.3



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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]).