

Recombinant Human PVALB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PVALB-493H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PVALB MS Standard C13 and N15-labeled recombinant protein (NP_002845) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	12.1 kDa
AA Sequence	MSMTDLLNAEDIKKAVGAFSATDSFDHKKFFQMVGLKKKSADDVKKVFHMLDKDKS GFIEEDELGFILKGFSPDARDLSAKETKMLMAAGDKDGDGKIGVDEFSTLVAESTRT RPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PVALB parvalbumin [Homo sapiens (human)]

Official Symbol PVALB

Synonyms PVALB; parvalbumin; parvalbumin alpha; D22S749; MGC116759;

Gene ID 5816

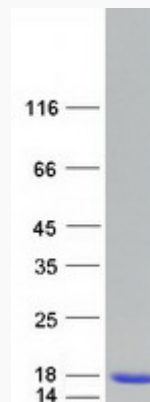
mRNA Refseq NM_002854

Protein Refseq NP_002845

MIM 168890

UniProt ID P20472

SDS-PAGE



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