

Recombinant Human HPCAL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HPCAL1-1448H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HPCAL1 MS Standard C13 and N15-labeled recombinant protein (NP_602293) 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 member of neuron-specific calcium-binding proteins family found in the retina and brain. It is highly similar to human hippocalcin protein and nearly identical to the rat and mouse hippocalcin like-1 proteins. It may be involved in the calcium-dependent regulation of rhodopsin phosphorylation and may be of relevance for neuronal signalling in the central nervous system. Several alternatively spliced transcript variants encoding the same protein have been found for this gene.
Molecular Mass	22.3 kDa
AA Sequence	MGKQNSKLRPEVLQDLRENTFTDHELQEWYKGFLKDCPTGHLTVDEFKKIYANFF PYGDASKFAEHVFRFTDNGDGTIDFREFIILSVTSRGKLEQKLKWAFSMYDL DGN GYISRSEMLEIVQAIYKMVSSVMKMPEDSTPEKRTDKIFRQMDTNN DGKLSLEEFIR GAKSDPSIVRLLQCDPSSASQFTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 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

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.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

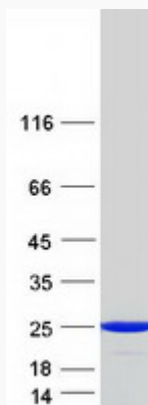
GENE INFORMATION

Gene Name	HPCAL1 hippocalcin-like 1 [Homo sapiens (human)]
Official Symbol	HPCAL1
Synonyms	HPCAL1; hippocalcin-like 1; hippocalcin-like protein 1; BDR1; calcium binding protein BDR 1; HLP2; VILIP 3; visinin like protein 3; visinin-like protein 3; calcium-binding protein BDR-1; VILIP-3;
Gene ID	3241
mRNA Refseq	NM_134421
Protein Refseq	NP_602293
MIM	600207
UniProt ID	P37235

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SDS-PAGE

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