

Recombinant Human HPCAL1 Protein, GST-tagged

Cat. No. HPCAL1-5004H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HPCAL1 full-length ORF (NP_002140.2, 1 a.a. - 193 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. There are two alternatively spliced transcript variants of this gene, with multiple polyadenylation sites. [provided by RefSeq]
Molecular Mass	48.7 kDa
AA Sequence	MGKQNSKLRPEVLQDLRENTFTDHELQEWYKGFLKDCPTGHLTVDEFKKIYANFF PYGDASKFAEHVFRFTDNGDGTIDFREFIALLSVTSRGKLEQKLKWAFSMYDLGDN GYISRSEMLEIVQAIYKMVSSVMKMPPEDESTPEKRTDKIFRQMDTNNDGKLSLEEFIR GAKSDPSIVRLLQCDPSSASQF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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

Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

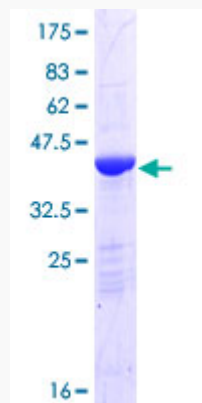
Gene Name	HPCAL1 hippocalcin-like 1 [Homo sapiens]
Official Symbol	HPCAL1
Synonyms	HPCAL1; hippocalcin-like 1; hippocalcin-like protein 1; BDR1; calcium binding protein BDR 1; HLP2; VILIP 3; visinin like protein 3; visinin-like protein 3; calcium-binding protein BDR-1; VILIP-3;
Gene ID	3241
mRNA Refseq	NM_002149
Protein Refseq	NP_002140
MIM	600207
UniProt ID	P37235

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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