

## Product datasheet for **TP720206L**

### VILIP3 (HPCAL1) (NM\_002149) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hippocalcin-like 1 (HPCAL1), transcript variant 1
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Phe193
Tag:	N-His
Predicted MW:	24.5 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 200mM NaCl, 1mM DTT, 10% Glycerol, pH 8.0.
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_002140</a>
Locus ID:	3241
UniProt ID:	<a href="#">P37235</a> , <a href="#">Q6FGY1</a> , <a href="#">O75544</a>
Cytogenetics:	2p25.1
Synonyms:	BDR1; HLP2; VILIP-3
Summary:	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. [provided by RefSeq, Apr 2012]



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**Product images:**

