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# **HPCAL1 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)**



**Image** 



Overview	
Quantity:	20 μg
Target:	HPCAL1
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant

Application: Antibody Production (AbP), Standard (STD)

#### **Product Details**

Purification tag / Conjugate:

Characteristics:
Recombinant human Hippocalcin-like protein 1 (HPCAL1) (transcript variant 2) protein expressed in HEK293 cells.
Produced with end-sequenced ORF clone

This HPCAL1 protein is labelled with Myc-DYKDDDDK Tag.

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Purity: > 80 % as determined by SDS-PAGE and Coomassie blue staining

#### **Target Details**

Target:	HPCAL1
Alternative Name:	Hippocalcin-Like Protein 1 (Hpcal1) (HPCAL1 Products)
Background:	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-

### **Target Details**

	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 Weight:	22.1 kDa
NCBI Accession:	NP_602293

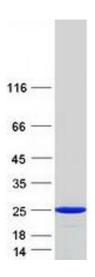
## **Application Details**

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

# Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

#### **Images**



#### **Western Blotting**

Image 1. Validation with Western Blot