

## Recombinant Human HPCA cell lysate

Cat. No. HPCA-815HCL Lot. No. (See product label)

### SPECIFICATION

**Species**

Human

**Description**

The protein encoded by this gene is a member of neuron-specific calcium-binding proteins family found in the retina and brain. This protein is associated with the plasma membrane. It has similarities to proteins located in the photoreceptor cells that regulate photosignal transduction in a calcium-sensitive manner. This protein displays recoverin activity and a calcium-dependent inhibition of rhodopsin kinase. It is identical to the rat and mouse hippocalcin proteins and thought to play an important role in neurons of the central nervous system in a number of species.

**Size**

100 ul

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Applications**

Western Blot;

### GENE INFORMATION

**Gene Name**

HPCA hippocalcin [ Homo sapiens ]

**Official Symbol**

HPCA

**Synonyms**

HPCA; hippocalcin; neuron-specific calcium-binding protein hippocalcin; calcium-binding protein BDR-2; neuron specific calcium-binding protein hippocalcin; BDR2;

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<b>Gene ID</b>	3208
<b>mRNA Refseq</b>	NM_002143
<b>Protein Refseq</b>	NP_002134
<b>MIM</b>	142622
<b>UniProt ID</b>	P84074
<b>Chromosome Location</b>	1p35-p34.2
<b>Function</b>	actin binding; binding; calcium ion binding;

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