

Recombinant Human HPCA cell lysate

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

SPECIFICATION

Product Overview

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-

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	binding protein BDR-2; neuron specific calcium-binding protein hippocalcin; BDR2;
Gene ID	3208
mRNA Refseq	NM_002143
Protein Refseq	NP_002134
MIM	142622
UniProt ID	P84074
Chromosome Location	1p35-p34.2
Function	actin binding; binding; calcium ion binding;