

Neuron-specific calcium-binding protein hippocalcin (HPCA) Recombinant Protein | HPCA recombinant protein

Recombinant Human Neuron-specific calcium-binding protein hippocalcin (HPCA)

CATALOG # AAA81706	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Neuron-specific calcium-binding protein hippocalcin (HPCA); Recombinant Human Neuron-specific calcium-binding protein hippocalcin (HPCA); HPCA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-193aa; Full Length of Mature Protein
Sequence	GKQNSKLRPE MLQDLRENTE FSELELQEWY KGFLKDCPTG ILNVDEFKKI YANFFPYGDA SKFAEHVVRT FDTNSDGTID FREFIILSV TSRGRLEQKL MWAFSMYDLD GNGYISREEM LEIVQAIYKM VSSVMKMPED ESTPEKRTEK IFRQMDTNND GKLSLEEFIR GAKSDPSIVR LLQCDPSSAS QF
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for HPCA recombinant protein	This protein 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 phototransduction 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19913446
NCBI GeneID	3208
NCBI Accession #	NP_002134.2
NCBI GenBank Nucleotide #	NM_002143.2
UniProt Accession #	P84074 ; P32076 ; P41211 ; P70510 ; B2R9T3 ; D3DPQ7
Molecular Weight	22,427 Da
NCBI Official Full Name	neuron-specific calcium-binding protein hippocalcin
NCBI Official Synonym Full Names	hippocalcin
NCBI Official Symbol	HPCA

NCBI Official Synonym Symbols	BDR2; DYT2
NCBI Protein Information	neuron-specific calcium-binding protein hippocalcin
UniProt Protein Name	Neuron-specific calcium-binding protein hippocalcin
UniProt Gene Name	HPCA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hpca-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/81706>