

Hippocalcin (HPCA) Recombinant Protein | HPCA recombinant protein

Recombinant Hippocalcin (HPCA)

CATALOG # AAA147178	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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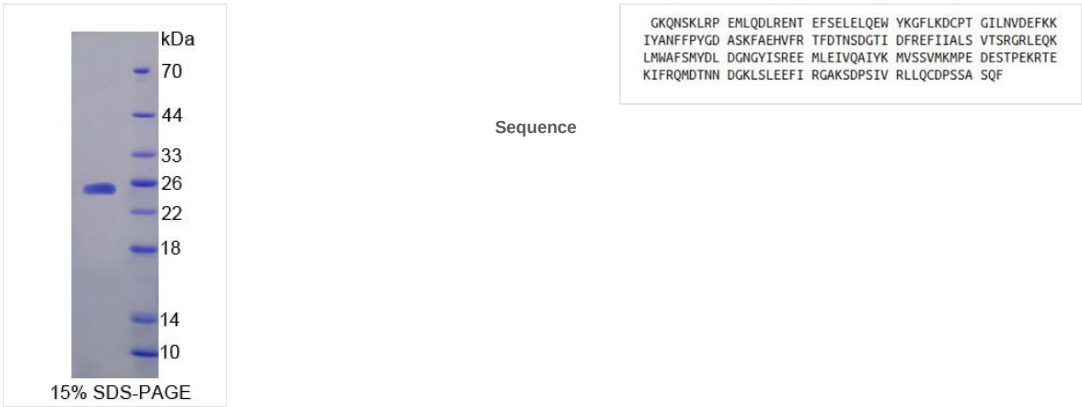
PRODUCT SYNONYMS

Hippocalcin (HPCA); Recombinant Hippocalcin (HPCA); Calcium-binding protein BDR-2; HPCA recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for HPCA recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Gly2~Phe193
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	4.9
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for HPCA recombinant protein	Recombinant Protein
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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	Predicted Molecular Mass: 26.0kDa Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.
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
UniProt Synonym Gene Names	BDR2

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.