

Recombinant Human HPCA protein, His-tagged

Cat. No. HPCA-3879H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Human HPCA protein(1-193 aa), fused to His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-193 aa |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| AA Sequence | MGKQNSKLRPEVLQDLRENTFTDHELQEWYKGFLKDCPTGHLTVDEFKKIYANFF PYGDASKFAEHVFRFTDTNGDGTIDFREFIIALSVTSRGKLEQKLKWAFSMYDLGDN GYISRSEMLEIVQAIYKMVSSVMKMPEDSTPEKRTDKIFRQMDTNNNGKLSLEEFIR GAKSDPSIVRLLQCDPSSASQF |
| Purity | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles. |

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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;

Gene ID

3208

mRNA Refseq

NM_002143

Protein Refseq

NP_002134

MIM

142622

UniProt ID

P84074

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