

Recombinant Full Length Human CHP Protein, GST-tagged

Cat. No. CHP-3214HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHP full-length ORF (AAH08373, 1 a.a. - 66 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	66 amino acids
Description	This gene encodes a phosphoprotein that binds to the Na ⁺ /H ⁺ exchanger NHE1. This protein serves as an essential cofactor which supports the physiological activity of NHE family members and may play a role in the mitogenic regulation of NHE1. The protein shares similarity with calcineurin B and calmodulin and it is also known to be an endogenous inhibitor of calcineurin activity. [provided by RefSeq, Jul 2008]
Molecular Mass	33 kDa
AA Sequence	MESHSVTQAGVQWRDLGSLQLPPGFKQFSHLSPSSWDYRRVPPYLGNCIFSG EGVSPCWPGWS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [CHP calcium binding protein P22 \[Homo sapiens \]](#)

Official Symbol [CHP](#)

Synonyms CHP; calcium binding protein P22; calcium-binding protein p22; calcineurin B homolog; SLC9A1 binding protein; calcium-binding protein CHP; calcineurin homologous protein; SLC9A1BP; FLJ20350;

Gene ID [11261](#)

mRNA Refseq [NM_007236](#)

Protein Refseq [NP_009167](#)

MIM [606988](#)

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