

Recombinant Full Length Human CHP2 Protein, GST-tagged

Cat. No. CHP2-3215HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHP2 full-length ORF (BAG35891.1, 1 a.a. - 196 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	196 amino acids
Description	This gene product is a small calcium-binding protein that regulates cell pH by controlling plasma membrane-type Na ⁺ /H ⁺ exchange activity. This protein shares sequence similarity with calcineurin B and can bind to and stimulate the protein phosphatase activity of calcineurin A (CnA) and functions in the calcineurin/NFAT (nuclear factor of activated T cells) signaling pathway. Another member of the CHP subfamily, Calcineurin B homologous protein 1, is located on Chromosome 15 and is an inhibitor of calcineurin activity and has a genetic phenotype associated with Parkinson's Disease (OMIM:606988). This gene was initially identified as a tumor-associated antigen and was previously referred to as Hepatocellular carcinoma-associated antigen 520. [provided by RefSeq, Jul 2013]
Molecular Mass	47.96 kDa
AA Sequence	MGSRSSHA VIPDGDSIRRETGFSQASLLRLHHRFRALDRNKKGYLSRMDLQQIGAL AVNPLGDRIIESFFPDGSQRVD FPGFVRVLAHFRPVEDED TETQDPKKPEPLNSRRN KLHYAFQLYDLDRDGKISRHEMLQVLRLMVG VQVTEEQLENIADRTVQEAD EDGDG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AVSFVEFTKSLEKMDVEQKMSIRILK

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

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

CHP2 calcineurin B homologous protein 2 [Homo sapiens]

Official Symbol

CHP2

Synonyms

CHP2; calcineurin B homologous protein 2; hepatocellular carcinoma antigen gene 520; hepatocellular carcinoma-associated antigen 520;

Gene ID

63928

mRNA Refseq

NM_022097

Protein Refseq

NP_071380

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