

Recombinant Full Length Human CHAC2 Protein, GST-tagged

Cat. No. CHAC2-3307HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CHAC2 full-length ORF (NP_001008708.1, 1 a.a. - 184 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	184 amino acids
Description	The protein encoded by this gene is a gamma-glutamyl cyclotransferase that catalyzes the conversion of glutathione to 5-oxoproline and cysteinylglycine. It is thought that this gene is upregulated in response to endoplasmic reticulum stress and that the glutathione depletion enhances apoptosis. [provided by RefSeq, Sep 2016]
Molecular Mass	47.3 kDa
AA Sequence	MWVFGYGSLIWKVDFPYQDKLVGYITNYSRRFWQGSTDHRGVP GK PGRVVT LVED PAGCVWGVAYRLPVGKEEEVKAYLDFREKGGYRTTTVIFYPKDPTTKPFSVLLYIGT CDNPDYLGPALEDIAEQIFNAAGPSGRNTEYLFELANSIRN LVP EEADEHLFALEKL VKERLEGKQNLNCI
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 CHAC2 ChaC, cation transport regulator homolog 2 (E. coli) [Homo sapiens (human)]

Official Symbol CHAC2

Synonyms Cation transport regulator like protein 2; Cation transport regulator-like protein 2; ChaC, cation transport regulator homolog 2 (E. coli); chac2; CHAC2_HUMAN;

Gene ID 494143

mRNA Refseq NM_001008708

Protein Refseq NP_001008708

MIM 617446

UniProt ID Q8WUX2

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