

## Recombinant Human ChaC, cation transport regulator homolog 2 (E. coli), His-tagged

Cat. No. CHAC2-415H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	CHAC2, 1-184aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-184 a.a.
<b>Description</b>	CHAC2, also known as cation transport regulator-like protein 2, belongs to the chaC family. Recombinant human CHAC2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT
<b>Molecular Mass</b>	23.3 kDa (207aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMWVFGYG SLIWKVDFPY QDKLVGYITN YSRRFWQGST DHRGVPGKPG RVVTLVEDPA GCVWGVAYRL PVGKEEEVKA YLDFREKGGY RTTTVIFYPK DPTTKPFSVL LYIGTCDNPD YLGPAPLEDI AEQIFNAAGP SGRNTEYLF E LANSIRNLVP EEADEHLFAL EKLVKERLEG KQNLNCI
<b>Purity</b>	>90% by SDS - PAGE

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**Storage** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

**Concentration** 0.5 mg/ml (determined by Bradford assay)

## 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\_001008708.2

**Protein Refseq** NP\_001008708.1

**UniProt ID** Q8WUX2

**Chromosome Location** 2p16

**Function** molecular\_function

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