

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

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

SPECIFICATION

Product Overview	CHAC2, 1-184aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-184 a.a.
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	23.3 kDa (207aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMWVFGYG SLIWKVDFPY QDKLVGYITN YSRRFWQGST DHRGVPGKPG RVVTLVEDPA GCVWGVAYRL PVGKEEEVKA YLDFREKGGY RTTTFVIFPK DPTTKPFSVL LYIGTCDNPD YLGPAPLEDI AEQIFNAAGP SGRNTEYLF E LANSIRNLVP EEADEHLFAL EKLVKERLEG KQNLNCI
Purity	>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