

# Product information

## CHAC2, 1-184aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2512

**Full name:** Cation transport regulator-like protein 2

**NCBI Accession No.:** NP\_001008708

**Synonyms:** ChaC, cation transport regulator homolog 2 (*E.coli*)

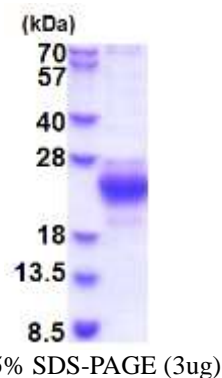
**Description:** CHAC2, also known as cation transport regulator-like protein 2, belongs to the chaC family. Recombinant human CHAC2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl,  
10% glycerol, 1mM DTT

**Molecular Weight:** 23.3 kDa (207aa) confirmed by MALDI-TOF

**Purity:** > 90% by SDS - PAGE

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



### Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSMMVFGYG SLIWKVDFPY QDKLVGYITN YSRRFWQGST DHRGVPGKPG RVVTLVEDPA GCVWGVAYRL  
PVGKEEEVKA YLDFREKGGY RTTIVIFYPK DPTTKPFSVL LYIGTCNDPD YLGPAPLEDI AEQIFNAAGP SGRNTEYLFE LANSIRNLVP  
EEADEHLFAL EKLVKERLEG KQNLNCI

### General references:

Zody M.C., Garber M., *et al.* (2006) *Nature* 440:671-675

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

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**