

Recombinant human CHAC2 protein

Catalog Number: ATGP2512

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-184aa

UniProt No.

Q8WUX2

NCBI Accession No.

NP_001008708.1

Alternative Names

Cation transport regulator-like protein 2, ChaC, cation transport regulator homolog 2

PRODUCT SPECIFICATION

Molecular Weight

23.3 kDa (207aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MWVFGYG SLIWKVDFPY QDKLVGYITN YSRRFWQGST DHRGVPGKPG RVTTLVEDPA GCVWGVAYRL PVGKEEEVKA YLDFREKGGY RTTVIFYPK DPTTKPFSVL LYIGTCNDPD YLGPAPLEDI

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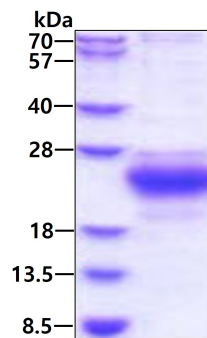
AEQIFNAAGP SGRNTEYLF E LANSIRNLVP EEADEHLFAL EKLVKERLEG KQNLNCI

General References

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

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.