

Recombinant human CHRAC1 protein

Catalog Number: ATGP1999

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-131aa

UniProt No.

Q9NRG0

NCBI Accession No.

NP_059140

Alternative Names

Chromatin accessibility complex 1, CHARC15, CHRAC-1, CHRAC-15, CHRAC15, YCL1

PRODUCT SPECIFICATION

Molecular Weight

17.1 kDa (154aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

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

CHRAC1 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging. Recombinant human CHRAC1 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMADVVG KDKGGEQRLI SLPLSRIRVI MKSSPEVSSI NQEALVLTAK ATELFVQCLA

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TYSYRHGSGK EKKVLTYS DL ANTAQQSETF QFLADILPKK ILASKY LKML KEEKREEDEE NDNDNESDHD EADS

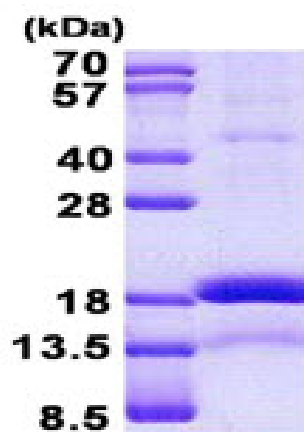
General References

Choudhary C., et al. (2009) *Science*. 325:834-840

Dephoure N., et al. (2008) *Proc. Natl. Acad. Sci. u.S.A.* 105:10762-10767

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)