

Recombinant human CYTIP protein

Catalog Number: ATGP2967

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-359aa

UniProt No.

O60759

NCBI Accession No.

NP_004279

Alternative Names

Cytohesin-interacting protein, B3-1, CASP, CYBR, CYTHIP, HE, PSCDBP

PRODUCT SPECIFICATION

Molecular Weight

42.7 kDa (384aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 85% 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

CYTIP, also known as cytohesin-interacting protein, contains 2 leucine zipper domains and a putative C-terminal nuclear targeting signal, but does not have any hydrophobic regions. This protein is expressed weakly in resting NK and T cells. It modulates the activation of ARF genes by CYTH1. Recombinant CYTIP, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGSEF>MSLQR LLQHSSNGNL ADFCAGPAYS SYSTLTGSLT MDDNRRIQML

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ADTVATLPRG RKQLALTRSS SLSDFSWSQR KLVTVEKQDN ETFGFEIQSY RPQNQNACSS EMFTLICKIQ EDSPAHCAGL
QAGDVLANIN GVSTEGFTYK QVVDLIRSSG NLLTIETLNG TMILKRTELE AKLQVLKQTL KQKWVEYRSL QLQEHLLHG
DAANCPSLEN MDLDELSLFG PLPGPGPALV DRNRLSSESS CKSWLSSMTM DSEDGYQTCV SEDSSRGAFS RQTSTDDEC
IPKEGDDFLR RSSRRNRSI SNTSSGSMSP LWEGNLSSMF GTLPRKSRKG SVRKQLLFI PGLHRAVEEE ESRF

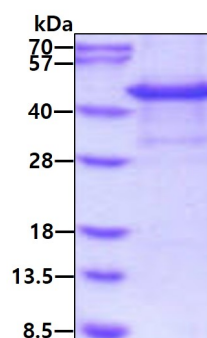
General References

Grabher D, Hofer S, et al. (2013). PLoS One. 8(2):e57538.

Vanharanta S, Shu W, et al. (2013). Nat Med. 19(1):50-6.

DATA

SDS-PAGE



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