

AR51787PU-N

Human CYTIP / PSCDBP (1-359, His-tag) - Purified

Alternate names:

CASP, CYBR, Cytohesin binder and regulator, Cytohesin-associated scaffolding protein, Cytohesin-binding protein HE, Cytohesin-interacting protein, PSCDBP, Pleckstrin homology Sec7 and coiled-coil domains-binding protein

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[O60759](#)

NCBI:

[NP_004279](#)

GeneID:

[9595](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl(pH 8.0) containing 10% glycerol.

Description:

Recombinant CYTIP, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SSGLVPPGSH MGSEFMSLQR LLQHSSNGNL ADFCAGPAYS SYSTLTGSLT
MDDNRRIQML ADTVATLPRG RKQLALTRSS SLSDFSWSQR KLVTVEKQDN ETFGFEIQSY
RPQNQNACSS EMFTLICKIQ EDSPAHCAGL QAGDVLANIN GVSTEGFTYK QVVDLIRSSG
NLLTIETLNG TMILKRTELE AKLQVLKQTL KQKWVEYRSL QLQEHRLHGG DAANCPSEN
MDLDELSLFG PLPGPGPALV DRNRLSSESS CKSWLSSMTM DSEDGYQTCV SEDSSRGAFS
RQTSTDDEC F IPKEGDDFLR RSSRRNRSI SNTSSGSMSP LWEGNLSSMF GTLPRKSRKG
SVRKQLLKFI PGLHRAVEEE ESRF

Molecular weight: 42.6 kDa (384aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

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.

Pictures:

