

Recombinant human HBXIP/LAMTOR5 protein

Catalog Number: ATGP1650

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-173aa

UniProt No.

O43504

NCBI Accession No.

NP_006393

Alternative Names

Hepatitis B virus x interacting protein, XIP

PRODUCT SPECIFICATION

Molecular Weight

20.7 kDa (197aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

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

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

Hepatitis B virus x interacting protein, also known as HBXIP, was originally identified by its ability to form a complex with the C-terminus of hepatitis B virus X (HBX) protein. HBXIP negatively regulates the activity of HBX and alters the replicative life cycle of the virus. In addition, HBXIP is involved in bipolar spindle formation and regulates centrosome dynamics and cytokinesis in cells, possibly through an interaction with Dynein light chain. Recombinant human HBXIP protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

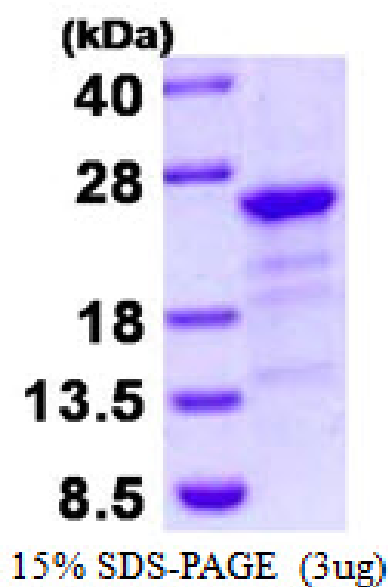
MGSSHHHHHH SSSLVPRGSH MGSHEPGAG HLDGHRAGSP SLRQALCDGS AVMFSSKERG RCTVINFPVPL EAPLRSTPRS
RQVTEACGGE GRAVPLGSEP EWSVGGMEAT LEQHLEDTKM NPSIVGVLCT DSQGLNLGCR GTLSDEHAGV ISVLAQQAQK
LTSPTDIPV VCLESNDNGNI MIQKHDGIV AVHKMAS

General References

Zhang X., et al. (2005) J Med Virol. 77: 374-381
Melegari M., et al. (1998) J Virol. 72: 1737-1743.

DATA

SDS-PAGE



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