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

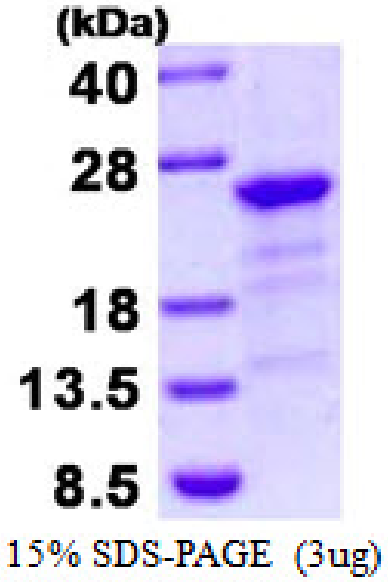
MGSSHHHHHH SSGLVPRGSH MGSHMEPGAG HLDGHRAGSP SLRQALCDGS AVMFSSKERG RCTVINFVPL EAPLRSTPRS RQVTEACGGE GRAVPLGSEP EWSVGGMEAT LEQHLEDTMK NPSIVGVLCT DSQGLNLGCR GTLSDEHAGV ISVLAQQAAK LTSDPTDIPV VCLESDNGNI MIQKHDGITV AVHKMAS

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



15% SDS-PAGE (3ug)

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