9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

HBXIP Human

Hepatitis B Virus x Interacting Protein Human Recombinant
VAG0204

Product Overview

Name	HBXIP Human
Description	
Hepatitis B Virus x Interacting Protein Human Recombinant	
Accession (Primary)	O43504
Synonyms	
Ragulator complex protein LAMTOR5, Hepatitis B virus X-interacting protein, HBV X-interacting protein, HBX-interacting protein, Late endosomal/lysosomal adaptor and MAPK and MTOR activator 5, LAMTOR5, HBXIP, XIP.	
Introduction	
Hepatitis B virus x interacting protein (HBXIP) forms a complex with the C-terminus of hepatitis B virus X (HBX) protein. HBXIP negatively regulates HBX activity and changes the replicative life cycle of the virus. Furthermore, HBXIP is involved in bipolar spindle formation and regulates centrosome dynamics and cytokinesis in cells, possibly due to interaction with Dynein light chain. HBXIP is highly expressed in the skeletal and cardiac muscle, followed by pancreas, kidney, liver, brain, placenta and lung. HBXIP has elevated levels in both cancerous and non-cancerous liver tissue of patients with chronic HBV infection compared with hepatic tissue without HBV infection.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The HBXIP solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM EDTA.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MEPGAG HLDGHRAGSP SLRQALCDGS AVMFSSKERG RCTVINFVPL EAPLRSTPRS RQVTEACGGE GRAVPLGSEP EWSVGGMEAT LEQHLEDTMK NPSIVGVLCT DSQGLNLGCR	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GTLSDEHAGV ISVLAQQAAK LTSDPTDIPV VCLESDNGNI MIQKHDGITV AVHKMAS.

Precautions

HBXIP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O43504)