

Recombinant Human Tax1 (Human T-Cell Leukemia Virus Type I) Binding Protein 3, His-tagged

Cat. No. TAX1BP3-4742H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TAX1BP3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	Human
Description	TAX1BP3, also known as Tax1-binding protein 3, contains one PDZ domain, through which most of its interactions with other proteins are made. The PDZ domain of TAX1BP3 interacts with the C-terminus of Rhotekin to facilitate Rho-mediated activation of the FOS serum response element. The PDZ domain also interacts with beta-catenin to inhibit the transcriptional activity of beta-catenin. It has been detected in a variety of cell lines, including HeLa, and is weakly expressed in peripheral blood leukocytes.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Molecular Weight	15.8 kDa (144aa), confirmed by MALDI-TOF
Purity	> 95% by SDS - PAGE
Concentration	1.0 mg/ml (determined by Bradford assay)
Sequences of amino	MGSSHHHHHH SSGLVPRGSH MSYIPGQPVT AVVQRVEIHK LRQGENLILG

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acids	FSIGGGIDQD PSQNPFSEDK TDKGIYVTRV SEGGPAEIAG LQIGDKIMQV NGWDMTMVTH DQARKRLTKR SEEVVRLLV T RQSLQKAVQQ SMLS
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Pathways	Wnt Signaling Pathway NetPath
GENE INFORMATION	
Gene Name	TAX1BP3 Tax1 (human T-cell leukemia virus type I) binding protein 3 [Homo sapiens]
Official Symbol	TAX1BP3
Synonyms	TAX1BP3; TIP-1; tax1-binding protein 3; OTTHUMP00000115871; Tax interaction protein 1; glutaminase-interacting protein 3; Tax1 (human T-cell leukemia virus type I) binding protein 3; Glutaminase-interacting protein 3; TIP1
Gene ID	30851
mRNA Refseq	NM_014604
Protein Refseq	NP_055419
UniProt ID	O14907
Chromosome Location	17p13
Function	beta-catenin binding; protein C-terminus binding; protein binding

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