

TAX1BP3, 1-124aa, Human, His tag E.coli

Cat.NO.: TP04152

3th Edition

Synonyms:Tax1-binding protein 3, TIP-1, TIP1

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. Recombinant human TAX1BP3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

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

Sequences:

MGSSHHHHHSSGLVPRGSHMSYIPGQPVTAVVQRVEIHKLQRGENLILGFSIGGGIDQDPSQNPFSSEDKTDKGIY
VTRVSEGGPAEIAQLQIGDKIMQVNGWDMTMVTHDQARKRLTKRSEEVVRLLVTRQSLQKAVQQSMLS

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.