

## TAX1BP3 Human

**Description:** TAX1BP3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 144 amino acids (1-124 a.a.) and having a molecular mass of 15.8kDa. TAX1BP3 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-988

For research use only.

**Synonyms:** Tax1 (human T-cell leukemia virus type I) binding protein 3, TIP-1, Glutaminase-interacting protein 3, Tax interaction protein 1.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MSYIPGQPVT AVVQRVEIHK  
LRQGENLILG FSIGGGIDQD PSQNPFSEDK TDKGIYVTRV SEGGPAEIAQ LQIGDKIMQV  
NGWDMTMVTH DQARKRLTKR SEEVVRLVLT RQSLQKAVQQ SMLS.

**Purity:** Greater than 95% as determined by SDS-PAGE.

**Formulation:**

TAX1BP3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 1mM DTT, 0.1M NaCl and 20% glycerol.

**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.

**Usage:**

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**Introduction:**

TAX1BP3 holds one PDZ domain, which uses for interactions with other proteins like the interaction with the C-terminus of Rhotekin that facilitates Rho-mediated activation of the FOS serum response element. In addition, PDZ domain interacts with beta-catenin to inhibit the transcriptional activity of beta-catenin. TAX1BP3 exists in several cell lines, such as HeLa, and is expressed in small quantities in peripheral blood leukocytes.

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