

Product datasheet for **TP304776M**

TAX1BP3 (NM_014604) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Tax1 (human T-cell leukemia virus type I) binding protein 3 (TAX1BP3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204776 protein sequence Red =Cloning site Green =Tags(s) MSYIPGQPVTAWQQRVEIHKLKRGQENLILGFSIGGGIDQDPSQNPFSKDCTDKGIYVTRVSEGGPAEIIAG LQIGDKIMQVNGWDMTMVTHDQARKRLTKRSEEVRLVTRQSLQKAVQQSMLS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	13.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055419
Locus ID:	30851
UniProt ID:	O14907
RefSeq Size:	1398



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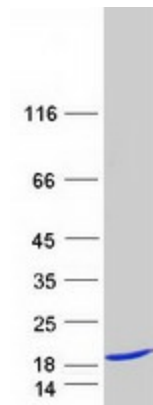
Cytogenetics: 17p13.2

RefSeq ORF: 372

Synonyms: TIP-1; TIP1

Summary: This gene encodes a small, highly conserved protein with a single PDZ domain. PDZ (PSD-95/Discs large/ZO-1 homologous) domains promote protein-protein interactions that affect cell signaling, adhesion, protein scaffolding, and receptor and ion transporter functions. The encoded protein interacts with a large number of target proteins that play roles in signaling pathways; for example, it interacts with Rho A and glutaminase L and also acts as a negative regulator of the Wnt/beta-catenin signaling pathway. This protein was first identified as binding to the T-cell leukaemia virus (HTLV1) Tax oncoprotein. Overexpression of this gene has been implicated in altered cancer cell adhesion, migration and metastasis. The encoded protein also modulates the localization and density of inwardly rectifying potassium channel 2.3 (Kir2.3). To date, this protein has been shown to play a role in cell proliferation, development, stress response, and polarization. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Apr 2017]

Product images:



Coomassie blue staining of purified TAX1BP3 protein (Cat# [TP304776]). The protein was produced from HEK293T cells transfected with TAX1BP3 cDNA clone (Cat# [RC204776]) using MegaTran 2.0 (Cat# [TT210002]).