

Product datasheet for TP324094

TRIOBP (NM_138632) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human TRIO and F-actin binding protein (TRIOBP), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224094 representing NM_138632 Red =Cloning site Green =Tags(s)
	MGGWKGPGQRRGKEGPEARRRAAERGGGGGGGGVPAPRSPAREPRPRSCLLPPPWGAAMTPDLLNFKKG WMSILDEPGEPSPSLTTTSTSQWKKHWFVLTDSLLKYYRDSTAEAEDELDEIDLRSDTVTEYAVQRN YGFQIHTKDAVYTLSAMTSGIRRNWIEALRKTVRPTSAPDVTKLSDSNKENALHSYSTQKGPLKAGEQRA GSEVISRGGPRKADGQRQALDYVELSPLTQASPQRARTPARTPDLAKQEELERDLAQRSEERRKWFEEAT DSRTPEVPAGEGPRRGLGAPLTEDQQNRLSEEIEKKWQELEKLPLRENKRVPLTALLNQRSRGERRGPPSD GHEALEKEVQALRAQLEAWRLQGEAPQSALRSQEDGHIPPGYISQLVGVITVPVLQTRPLSSERLCDLPK VTPPAGLKGGI
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	47.4 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.



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RefSeq: [NP_619538](#)

Locus ID: 11078

UniProt ID: [Q9H2D6](#)

RefSeq Size: 1743

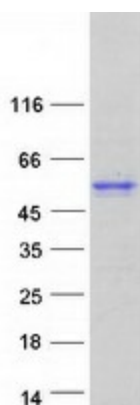
Cytogenetics: 22q13.1

RefSeq ORF: 1293

Synonyms: DFNB28; dJ37E16.4; HRIHFB2122; TAP68; TARA

Summary: This gene encodes a protein with an N-terminal pleckstrin homology domain and a C-terminal coiled-coil region. The protein interacts with trio, which is involved with neural tissue development and controlling actin cytoskeleton organization, cell motility and cell growth. The protein also associates with F-actin and stabilizes F-actin structures. Mutations in this gene have been associated with a form of autosomal recessive nonsyndromic deafness. Multiple alternatively spliced transcript variants that would encode different isoforms have been found for this gene, however some transcripts may be subject to nonsense-mediated decay (NMD). [provided by RefSeq, Nov 2008]

Product images:



Coomassie blue staining of purified TRIOBP protein (Cat# TP324094). The protein was produced from HEK293T cells transfected with TRIOBP cDNA clone (Cat# [RC224094]) using MegaTran 2.0 (Cat# [TT210002]).