Full-Length

TRIOBP (Human) Recombinant Protein (P01)

Catalog # H00011078-P01 Size 50 ug

Specification

Product Description	Human TRIOBP full-length ORF (CAL37626.1, 1 a.a. - 372 a.a.) recombinant protein with GST-tag a t N-terminal.
Sequence	MTPDLLNFKKGWMSILDEPGEPPSPSLTTTSTSQWKKHWFVLTDSSLKYYRDSTAEEADELDGEI DLRSCTDVTEYAVQRNYGFQIHTKDAVYTLSAMTSGIRRNWIEALRKTVRPTSAPDVTKLSDSNKE NALHSYSTQKGPLKAGEQRAGSEVISRGGPRKADGQRQALDYVELSPLTQASPQRARTPARTPD RLAKQEELERDLAQRSEERRKWFEATDSRTPEVPAGEGPRRGLGAPLTEDQQNRLSEEIEKKW QELEKLPLRENKRVPLTALLNQSRGERRGPPSDGHEALEKEVQALRAQLEAWRLQGEAPQSAL RSQEDGHIPPGYISQLVGVITVPVLQTRPLSSERLCDLPKVTPPAGLKGGI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	67.32
Interspecies Antigen Sequence	Mouse (83); Rat (83)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

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- Protein Array

Gene Info — TRIOBP

Entrez GeneID	11078
GeneBank Accession#	AM392748.1
Protein Accession#	CAL37626.1
Gene Name	TRIOBP
Gene Alias	DFNB28, FLJ39315, HRIHFB2122, KIAA1662, TARA, dJ37E16.4
Gene Description	TRIO and F-actin binding protein
Omim ID	609761 609823
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein with an N-terminal pleckstrin homology domain and a C-terminal coil ed-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 associate s 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 var iants that would encode different isoforms have been found for this gene, however some transcript s may be subject to nonsense-mediated decay (NMD). [provided by RefSeq
Other Designations	OTTHUMP00000028958|tara-like protein|trio-associated repeat on actin

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema

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