

Recombinant Human TRIOBP Protein, MYC/DDK-tagged

Cat. No. TRIOBP-2638H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRIOBP protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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).
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	47.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	TRIOBP TRIO and F-actin binding protein [Homo sapiens]
Official Symbol	TRIOBP
Synonyms	DFNB28; dJ37E16.4; HRIHFB2122; TAP68; TARA
Gene ID	11078
mRNA Refseq	NM_001039141
Protein Refseq	NP_001034230
MIM	609761
UniProt ID	Q9H2D6

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