

Recombinant Mouse Triobp Protein, MYC/DDK-tagged

Cat. No. Triobp-460M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse TRIO and F-actin binding protein (Triobp), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a protein that interacts with trio, which is involved with neural tissue development and controlling actin cytoskeleton organization, cell motility, and cell growth. The encoded protein also associates with F-actin and stabilizes F-actin structures. Domains contained in this encoded protein are an N-terminal pleckstrin homology domain and a C-terminal coiled-coil region. Mutations in the human gene have been associated with a form of autosomal recessive nonsyndromic deafness. Multiple alternatively spliced transcript variants have been described.
Molecular Mass	223.4 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Triobp TRIO and F-actin binding protein [Mus musculus (house mouse)]
Official Symbol	Triobp
Synonyms	Triobp; TRIO and F-actin binding protein; Tara; AI428493; EST478828; mKIAA1662; TRIO and F-actin-binding protein; protein Tara; trio-associated repeat on actin
Gene ID	110253
mRNA Refseq	NM_001039156
Protein Refseq	NP_001034245
UniProt ID	Q99KW3

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