

Recombinant Human TRIM3 Protein, His-tagged

Cat. No. TRIM3-423H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRIM3(Ala2~Arg152) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2~Arg152
Description	The protein encoded by this gene is a member of the tripartite motif (TRIM) family, also called the 'RING-B-box-coiled-coil' (RBCC) subgroup of RING finger proteins. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein localizes to cytoplasmic filaments. It is similar to a rat protein which is a specific partner for the tail domain of myosin V, a class of myosins which are involved in the targeted transport of organelles. The rat protein can also interact with alpha-actinin-4. Thus it is suggested that this human protein may play a role in myosin V-mediated cargo transport. Alternatively spliced transcript variants encoding the same isoform have been identified.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	20.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)

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Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	TRIM3 tripartite motif containing 3 [Homo sapiens]
Official Symbol	TRIM3
Synonyms	TRIM3; tripartite motif containing 3; RNF22, tripartite motif containing 3; tripartite motif-containing protein 3; BERP; brain expressed ring finger; HAC1; ring finger protein 22; RNF97; tripartite motif protein TRIM3; RING finger protein 97; tripartite motif-containing 3; brain-expressed RING finger protein; RNF22; FLJ16135;
Gene ID	10612
mRNA Refseq	NM_001248006
Protein Refseq	NP_001234935

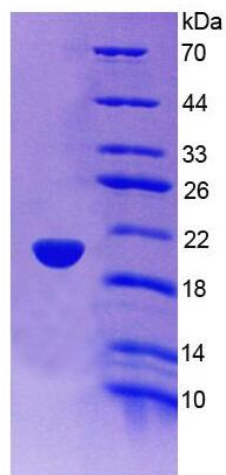
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MIM 605493

UniProt ID O75382



15% SDS-PAGE

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