

Recombinant Human TRIM32, GST-tagged

Cat. No. TRIM32-198H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TRIM32 (2-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	2-end a.a.
Description	TRIM32 or tripartite motif containing 32 is a member of the tripartite motif (TRIM) family whose members are involved in diverse cellular functions such as developmental patterning and oncogenesis. TRIM32 localizes to cytoplasmic bodies and nucleus, where it interacts with the activation domain of the HIV-1 Tat protein that activates transcription of HIV-1 genes. TRIM32 is a regulator of dysbindin and mutations in TRIM32 may impair substrate ubiquitination. Deficiency of TRIM32 may involve both neurogenic and myogenic characteristics.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~100 kDa
Purity	>75% by densitometry
Applications	Western Blot

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Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 µg/µl
GENE INFORMATION	
Gene Name	TRIM32 tripartite motif containing 32 [Homo sapiens]
Official Symbol	TRIM32
Synonyms	TRIM32; tripartite motif containing 32; LGMD2H, limb girdle muscular dystrophy 2H (autosomal recessive) , tripartite motif containing 32; E3 ubiquitin-protein ligase TRIM32; BBS11; HT2A; TATIP; zinc finger protein HT2A; zinc-finger protein HT2A; 72 kDa Tat-interacting protein; TAT-interactive protein, 72-KD; tripartite motif-containing 32; tripartite motif-containing protein 32; LGMD2H;
Gene ID	22954
mRNA Refseq	NM_001099679
Protein Refseq	NP_001093149
MIM	602290
UniProt ID	Q13049
Chromosome Location	9q33.1

Pathway

Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem;

Function

RNA binding; RNA binding; Tat protein binding; ligase activity; metal ion binding; myosin binding; myosin binding; protein binding; protein self-association; transcription coactivator activity; translation initiation factor binding; translation initiation factor binding; ubiquitin binding; ubiquitin-protein ligase activity; ubiquitin-protein ligase activity; zinc ion binding;