

Recombinant Human TOM1, GST-tagged

Cat. No. TOM1-150H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human TOM1 (amino acid residues 1-493), with N-terminal GST, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-493 a.a.
Description	Human TOM1 shares 76% amino acid sequence identity with chicken TOM1 and 89% identity with mouse TOM1 (Seroussi, et al., 1999). The N-terminal domain of human TOM1 shares sequence similarity to the N-terminal domains of human Signal Transducing Adaptor Molecule (STAM) and Human Growth factor-regulated tyrosine kinase Substrate (HGS) (Seroussi, et al., 1999).
Form	50 mM HEPES pH 7.5, 150 mM sodium chloride, 2 mM dithiothreitol, 10% glycerol
Molecular Mass	~81kDa
Purity	>85% by InstantBlue™ SDS-PAGE
Storage	12 months at -70°C. Avoid multiple freeze/thaw cycles.
Concentration	0.5 mg/ml

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GENE INFORMATION

Gene Name	TOM1 target of myb1 (chicken) [Homo sapiens]
Official Symbol	TOM1
Synonyms	TOM1; target of myb1 (chicken); target of myb1 (chicken) homolog; target of Myb protein 1; target of myb 1; FLJ33404;
Gene ID	10043
mRNA Refseq	NM_001135729
Protein Refseq	NP_001129201
MIM	604700
UniProt ID	O60784
Chromosome Location	22q13.1
Pathway	C-MYB transcription factor network, organism-specific biosystem;
Function	protein binding;

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