

Recombinant Human TRIM5 Protein, His-tagged

Cat. No. TRIM5-444H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRIM5, transcript variant gamma, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a member of the tripartite motif (TRIM) family. 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. The protein forms homo-oligomers via the coiled-coil region and localizes to cytoplasmic bodies. It appears to function as a E3 ubiquitin-ligase and ubiquitinates itself to regulate its subcellular localization. It may play a role in retroviral restriction. Multiple alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Form	Supplied as a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH7.4
Molecular Mass	30.8kD
AA Sequence	MGSSHHHHHHSSGLVPRGSHMASGILVNVKEEVTCPICLELLTQPLSLDCGHSFCQ ACLTANHKKSM LDKGESSCPVCRISYQPENIRPNRHVANIVEKLREVKLSPEGQKVD HCA RHGEKLLLFCQEDGKVICWLCERSQEHRGHHTFLTEEVAREYQVKLQA ALEML RQKQQAEELEADIREEKASWKTQIQYDKTNVLADFEQLRDILDWEESNELQNLEKE EEDILKSLTNSETEMVQQTQSLRELISDL

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Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
GENE INFORMATION	
Gene Name	TRIM5 tripartite motif containing 5 [Homo sapiens]
Official Symbol	TRIM5
Synonyms	TRIM5; tripartite motif containing 5; tripartite motif-containing protein 5; RNF88; TRIM5alpha; tripartite motif protein TRIM; tripartite motif protein TRIM5; ring finger protein 88; tripartite motif containing 5 transcript variant iota; tripartite motif containing 5 transcript variant kappa;
Gene ID	85363
mRNA Refseq	NM_033034
Protein Refseq	NP_149023
MIM	608487
UniProt ID	Q9C035