

Recombinant Human TPD52L1, His-tagged

Cat. No. TPD52L1-31598TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fusion protein, corresponding to amino acids 1-128 of Human TPD52L1, with N-terminal His-tag.
Species	Human
Source	E.coli
ProteinLength	1-128 a.a.
Description	This gene encodes a member of the tumor protein D52 (TPD52) family. The encoded protein contains a coiled-coil domain and may form homo- or hetero-dimer with TPD52 family members. The protein is reported to be involved in cell proliferation and calcium signaling. It also interacts with the mitogen-activated protein kinase kinase 5 (MAP3K5/ASK1) and positively regulates MAP3K5-induced apoptosis. Multiple alternatively spliced transcript variants have been observed, but the full-length nature of some variants has not yet been determined.
Conjugation	HIS
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: PBS, pH 7.4

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MEAQAQGLLE TEPLQGTDED AVASADFSSMLSEEEKEELK AELVQLEDEI TTLRQVLSAK ERHLVEIKQK LGMNLMNELKQNFSSKSWHDM QTTTAYKKTH ETLSHAGQKA TAAFSNVGTA ISKKFGDMRR K
Sequence Similarities	Belongs to the TPD52 family.
GENE INFORMATION	
Gene Name	TPD52L1 tumor protein D52-like 1 [Homo sapiens]
Official Symbol	TPD52L1
Synonyms	TPD52L1; tumor protein D52-like 1; tumor protein D53; D53; hD53;
Gene ID	7164
mRNA Refseq	NM_001003395
Protein Refseq	NP_001003395
MIM	604069
Uniprot ID	Q16890
Chromosome Location	6q22-q23
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated

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Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem;

Function

cysteine-type endopeptidase activator activity involved in apoptotic process; identical protein binding; protein binding; protein heterodimerization activity; protein homodimerization activity;

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