

## Recombinant Human TPD52L1, GST-tagged

Cat. No. TPD52L1-13702H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human TPD52L1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 1-144a.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 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.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	TPD52L1 tumor protein D52-like 1 [ Homo sapiens ]
<b>Official Symbol</b>	TPD52L1
<b>Synonyms</b>	TPD52L1; tumor protein D52-like 1; tumor protein D53; D53; hD53; MGC8556;
<b>Gene ID</b>	7164
<b>mRNA Refseq</b>	NM_001003395
<b>Protein Refseq</b>	NP_001003395
<b>MIM</b>	604069
<b>UniProt ID</b>	Q16890
<b>Chromosome Location</b>	6q22-q23
<b>Pathway</b>	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem;
<b>Function</b>	cysteine-type endopeptidase activator activity involved in apoptotic process; identical protein binding; protein binding; protein heterodimerization activity; protein homodimerization activity;

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