

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 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 ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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; MGC8556;
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 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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