



Product Datasheet

Product Name	Tumor Protein D52 L1 Human Recombinant
Cata No	CB501062
Source	<i>Escherichia Coli.</i>
Synonyms	Tumor protein D53, Tumor protein D52-like 1, TPD52L1, hD53, D53, MGC8556, TPD52L2.

Description

TPD52L1 (hD53, hD53L1) is a member of D52 gene family and overexpressed in human breast carcinoma. TPD52L1 contains coiled-coil motif, which is responsible for homo- and heteromeric interaction, and may be a regulator of cell proliferation and calcium-mediated signal transduction.

Moreover, TPD52L1 interacts with the mitogen-activated protein kinase kinase kinase 5 (MAP3K5/ASK1) and positively regulates MAP3K5-induced apoptosis.

TPD52L1 Human Recombinant His-Tag fusion protein produced in E.Coli is a single, non-glycosylated polypeptide chain containing amino acids 151 and having a molecular mass of 16.8 kDa.

Physical Appearance

Sterile filtered colorless solution.

Purity

Greater than 90.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

Formulation

The protein contains phosphate buffered saline, pH 7.4.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Avoid multiple freeze-thaw cycles.

Sequence

MGSSHHHHHH SSGLVPRGSH MEAQAQGLLE
TEPLQGTDED AVASADFSSM LSEEEKEELK
AELVQLEDEI TTLRQVLSAK ERHLVEIKQK
LGMNLMNELK QNFSKSWHDM QTTTAYKKTH
ETLSHAGQKA TAAFSNVGTA ISKKFGDMRR K