

Recombinant human TPD52L1 protein

Catalog Number: TPD0501

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-131aa

UniProt No.

Q16890

NCBI Accession No.

NP_001003397.1

Alternative Names

D54, hD53, hD54, mD53, MGC73020, MGC8556, Tpd52l1, TPD52L2, Tumor protein D52 like 1, Tumor protein D52 like 2, Tumor protein D52-like 1, Tumor protein D52-like 1 isoform 4, Tumor protein D52-like 1 isoform 4 D53, Tumor protein D53, Tumor protein D54

PRODUCT SPECIFICATION

Molecular Weight

16.8 kDa (151aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4)

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

TPD52L1 (hD53, hD53L1) is a member of D52 gene family and overexpressed in human breast carcinoma. This protein 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. TPD52L1, fused to His-tag at N-terminus, was overexpressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

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

General References

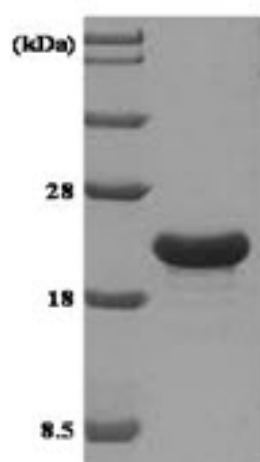
Cho S., et al. (2004) J.Biol.Chem. 279(16):16050-6.

Boutros R., et al (2003) J.Mol.Biol. 332: 675-687

Byrne JA., et al. (1996) Genomics. 35(3): 523-32.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)