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Recombinant human TPD52L1 protein

Catalog Number: TPD0501

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-131aa

UniProt No.

016890

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

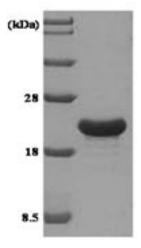
<MGSSHHHHHH SSGLVPRGSH> MEAQAQGLLE TEPLQGTDED AVASADFSSM LSEEEKEELK AELVQLEDEI TTLRQVLSAK ERHLVEIKQK LGMNLMNELK QNFSKSWHDM QTTTAYKKTH ETLSHAGQKA TAAFSNVGTA ISKKFGDMRR K

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



15% SDS-PAGE (3ug)

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

