
Product Data Sheet

Product Name: TPD52L1 Human
 Cat. No.: GP24862
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Tumor protein D53; Tumor protein D52-like 1; TPD52L1; hD53; D53; MGC8556; TPD52L2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MEAQAQGLLE TEPLQGTDED AVASADFSSM LSEEEKEELK AELVQLEDEI TTLRQVLSAK ERHLVEIKQK LGMNLMNELK QNFSKSWHDM QTTTAYKKTH ETLSHAGQKA TAAFSNVGTA ISKKFGDMRR K.		
Formulation	TPD52L1 protein solution (1mg/ml) containing 1xPBS pH 7.4.		

Introduction

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.

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.

Background

TPD52L1 Human Recombinant His-Tag fusion protein produced in E.Coli is a single, non-glycosylated polypeptide chain (21-151 a.a) containing amino acids 151 and having a molecular mass of 16.8 kDa. TPD52L1 is purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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