9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TACSTD2 Human

Tumor-Associated Calcium Signal Transducer 2 Human Recombinant
RCP2313

Product Overview

Name	TACSTD2 Human

Description

Tumor-Associated Calcium Signal Transducer 2 Human Recombinant

Accession (Primary)	P09758

Synonyms

EGP-1, EGP1, GA733-1, GA7331, GP50, M1S1, TROP2, Cell surface glycoprotein Trop-2, Membrane component chromosome 1 surface marker 1, Pancreatic carcinoma marker protein GA733-1.

Introduction

Tumor-associated calcium signal transducer 2 (TACSTD2), is a member of to the EPCAM family. TACSTD2 is an intronless gene which encodes a carcinoma-associated antigen. TACSTD2 may act as a growth factor receptor and as a cell surface receptor that transduces calcium signals. Mutations of TACSTD2 have been associated with gelatinous drop-like corneal dystrophy.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

TACSTD2 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.

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.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS QDNCTCP TNKMTVCSPD GPGGRCQCRA LGSGMAVDCS TLTSKCLLLK ARMSAPKNAR TLVRPSEHAL VDNDGLYDPD CDPEGRFKAR QCNQTSVCWC VNSVGVRRTD KGDLSLRCDE LVRTHHILID LRHRPTAGAF NHSDLDAELR RLFRERYRLH PKFVAAVHYE QPTIQIELRQ NTSQKAAGDV DIGDAAYYFE RDIKGESLFQ GRGGLDLRVR GEPLQVERTL IYYLDEIPPK FSMKRLT.

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Precautions

TACSTD2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P09758)