
Product Data Sheet

Product Name: TACSTD2 Human, sf9

Cat. No.: GP24769

Batch No.: 1

Product Data

Purity >98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition Shipped with Ice Packs.

Synonyms Tumor-Associated Calcium Signal Transducer 2; Membrane Component Chromosome 1 Surface Marker 1; Pancreatic Carcinoma Marker Protein GA733-1; Cell Surface Glycoprotein Trop-2; GA733-1; TROP2; M1S1; 40kD Glycoprotein; Identified By Monoclonal Antibody GA733; Membrane Component; Chromosome 1; Surface Marker 1; Gastrointestinal Tumor-Associated Antigen GA7331; Pancreatic Carcinoma Marker Protein GA7331; Cell Surface Glycoprotein TROP2; Epithelial Glycoprotein-1 Truncated TACSTD2; GA7331; EGP-1; EGP1; GP50; TACSTD2.

Amino Acid Sequence ADPQDNCTCP TNKMTVCSPD GPGGRCQCRA LGSGMAVDCS TLTSKCLLLK ARMSAPKNAR TLVRPSEHAL VDNDGLYDPD CDPEGRFKAR QCNQTSVCWC VNSVGVRRTD KGDLSLRCDL LVRTHHILID LRHRPTAGAF NHSDLDAELR RLFREYRLH PKFVAHVHYE OPTIQIELRQ

Formulation TACSTD2 protein solution (1mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.

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.

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%

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

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HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

TACSTD2 Human Recombinant produced in Sf9 Baculovirus cells is a single, non-glycosylated polypeptide chain containing 253 amino acids (31-274a.a) and having a molecular mass of 28.6kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). TACSTD2 is fused to a 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

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