

Recombinant Human TACSTD2

Cat. No. TACSTD2-30839TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TACD2 with N terminal proprietary tag, 58.78kDa.
Species	Human
Source	Wheat Germ
ProteinLength	298 amino acids
Description	This intronless gene encodes a carcinoma-associated antigen. This antigen is a cell surface receptor that transduces calcium signals. Mutations of this gene have been associated with gelatinous drop-like corneal dystrophy.
Molecular Weight	58.780kDa inclusive of tags
Tissue specificity	Placenta, pancreatic carcinoma cell lines.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids

HTAAQDNCTCPTNKMTVCSPDGPGGRCQCRALGSGMAVDC STLTSCLLLKARM
 SAPKNARTLVRPSEHALVDNDGLYDP DCDPEGRFKARQCNQTSVCWCVNSVGVR
 RTDKGDLRLCD ELVRTHHILIDLRHRPTAGAFNHSDLDAELRRLFRERYRL HPKFV
 AAVHYEQPTIQIELRQNTSQKAAGDVDIGDAAYYF ERDIKGESLFQGRGGLDLRVR
 GEPLQVERTLIYYLDEIPP KFSMKRLTAGLIAVIVVVVALVAGMAVLVITNRRKSGKY
 KKVEIKELGELRKEPSL

Sequence Similarities

Belongs to the EPCAM family. Contains 1 thyroglobulin type-1 domain.

GENE INFORMATION

Gene Name TACSTD2 tumor-associated calcium signal transducer 2 [Homo sapiens]

Official Symbol TACSTD2

Synonyms TACSTD2; tumor-associated calcium signal transducer 2; M1S1; EGP 1; GA733 1; TROP2;

Gene ID 4070

mRNA Refseq NM_002353

Protein Refseq NP_002344

MIM 137290

Uniprot ID P09758

Chromosome Location 1p32

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Function

receptor activity;

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