

Recombinant Human TACSTD2 protein, His-tagged

Cat. No. TACSTD2-5633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TACSTD2 protein(P09758)(27-274aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-274aa
Tag	C-His
Form	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human TROP2 at 2 µg/mL can bind Anti-TROP2 recombinant antibody, the EC50 is 0.7284-1.075 ng/mL.
Molecular Mass	30.6 kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.
AA Sequence	HTAAQDNCTCPTNKMTVCSPDGPGRRCQCRALGSGMAVDCSTLTSKCLLLKARMS APKNARTLVRPSEHALVDNDGLYDPDCDPEGRFKARQCNQTSVCWCVNSVGVRR TDKGDSLRLCDELVRTHHILIDLRHRPTAGAFNHSDLAELRRLFRERYRLHPKFVAA VHYEQPTIQIELRQNTSQKAAGDVDIGDAAYYFERDIKGESLFQGRGGLDLRVRGEP LQVERTLIYYLDEIPPKFSMKRLT

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; epithelial glycoprotein-1; cell surface glycoprotein TROP2; cell surface glycoprotein Trop-2; pancreatic carcinoma marker protein GA7331; pancreatic carcinoma marker protein GA733-1; gastrointestinal tumor-associated antigen GA7331; membrane component chromosome 1 surface marker 1; membrane component, chromosome 1, surface marker 1; 40kD glycoprotein, identified by monoclonal GA733; EGP1; GP50; EGP-1; GA7331; GA733-1;
Gene ID	4070
mRNA Refseq	NM_002353
Protein Refseq	NP_002344

 Tel: 1-631-559-9269 1-516-512-3133

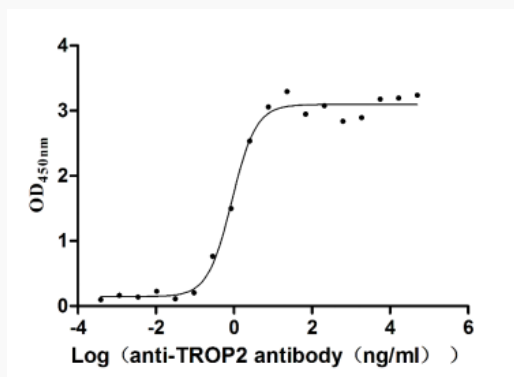
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

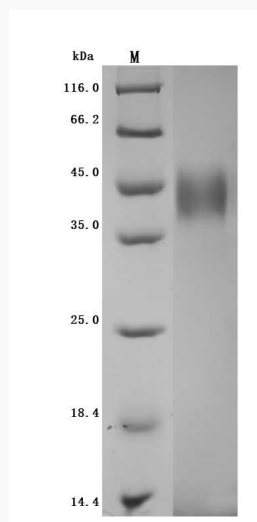
MIM 137290

UniProt ID P09758

Activity



SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

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