

Active Recombinant Human TACSTD2 protein, His&hFc-tagged

Cat. No. TACSTD2-887H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TACSTD2 protein(NP_002344.2)(Met1-Thr274), fused with His&hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Thr274
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. When cells are added to coated plates (10µg/ml,100µl/well), approximately 55%-70% will adhere specifically.
Molecular Mass	The recombinant human TROP2/Fc is a disulfide-linked homodimer. The reduced monomer consists of 495 amino acids and has a predicted molecular mass of 55.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhTROP2/Fc monomer is approximately 65-75 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 98 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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
MIM	137290

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UniProt ID

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