

Recombinant Human TACSTD2 protein(Met1-Thr274), His-tagged

Cat. No. TACSTD2-3170H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TROP2 (NP_002344.2)(Met1-Thr274) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-274 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human TROP2 comprises 259 amino acids and has a predicted molecular mass of 29.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh TROP2 is approximately 42-48 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 96 % as determined by SDS-PAGE. ≥ 85 % as determined by SEC-HPLC.
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.

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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

UniProt ID P09758

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