

## Active Recombinant Human TACSTD2 protein, His-tagged

**Cat. No.** TACSTD2-4484H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human TACSTD2 protein(P09758)(Thr88-Thr274) is expressed in HEK293 with a 6His tag at the C-terminus.                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 88-274 aa                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution of PBS, 5% Trehalose, 2mM EDTA, pH 7.4.                                                                                                                                              |
| <b>Bio-activity</b>     | Immobilized Human TROP-2-His at 1µg/ml (100 µl/well) can bind Anti-Human TROP-2 mAb. The ED50 of Anti-Human TROP-2 mAb is 4.31 ng/ml.                                                                                            |
| <b>Molecular Mass</b>   | 22.6 KDa                                                                                                                                                                                                                         |
| <b>Endotoxin</b>        | < 1 EU/g as determined by LAL test.                                                                                                                                                                                              |
| <b>Purity</b>           | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                                                             |
| <b>Storage</b>          | Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt.<br>Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months. |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

**Reconstitution**

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## 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

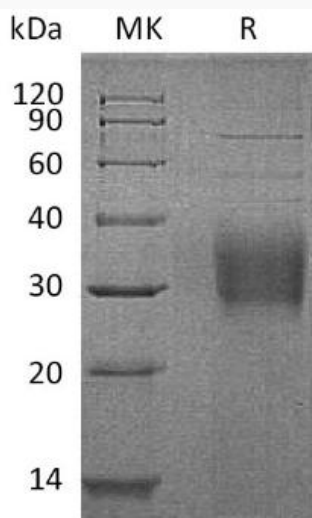
**UniProt ID** P09758

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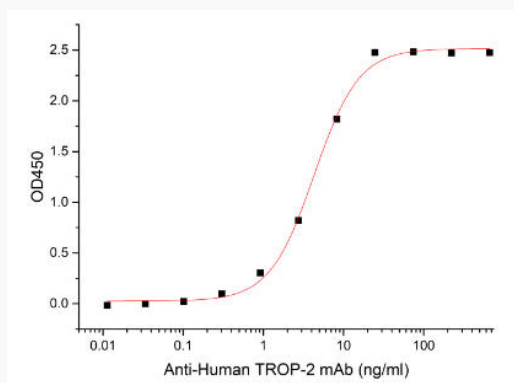
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## SDS-PAGE



## ELISA Data



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