

RP01048

Leader in Biomolecular Solutions for Life Science



Recombinant Human TROP-2/TACSTD2 Protein

Catalog No.: RP01048 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells4070		P09758-1

Tags

C-His

Synonyms

TACSTD2;EGP-1;EGP1;GA733-1;GA7331;GP50;M1S1;TROP2

Product Information

Source	Purification
	> 70% by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of 20mM Tris,150mM NaCl, pH 8.0.Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact



www.abclonal.com

Background

Basic Information

Description

Recombinant Human TROP-2/TACSTD2 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Thr88-Thr274) of human TROP-2 (Accession #NP_002344.2) fused with a 6×His tag at the C-terminus.

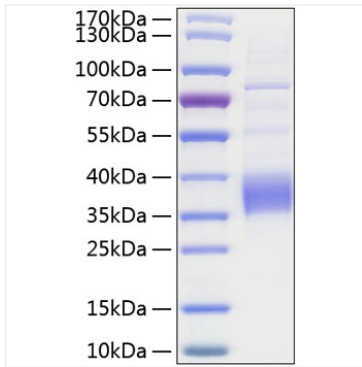
Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Human TACSTD2 (Catalog: RP01048) at 1 μg/mL (100 μL/well) can bind TROP-2 Rabbit mAb (Catalog: A24170) with a linear range of 0.128-0.85 ng/mL.

Storage

Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human
TROP-2/TACSTD2 Protein was
determined by SDS-PAGE under
reducing conditions with Coomassie
Blue.