

Recombinant Human TROP-2/TACSTD2 Protein

Catalog No.: RP01048

Sequence Information

Species **Gene ID**
Human 4070

Swiss Prot **Tags**
P09758-1 C-His

Synonyms

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

Product Information

Source **Purification**
HEK293 cells ≥ 85% as
determined by
SDS-PAGE.

Calculated MW Observed MW

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.

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.

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.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at –20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for
handling.

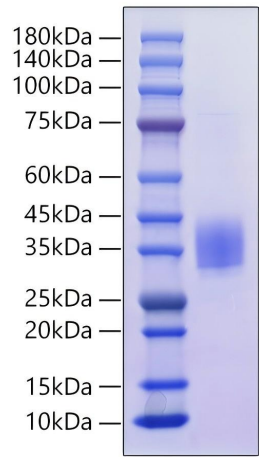
Contact

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Validation Data



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