

TROP-2/TACSTD2
Catalog # PVGS1719**Specification**

TROP-2/TACSTD2 - Product Information

Primary Accession [P09758](#)
Species
Human

Sequence
His27-Thr274

Purity
> 95% as determined by Bis-Tris PAGE
> 95% as determined by HPLC

Endotoxin Level
Less than 1EU per µg by the LAL method.

Biological Activity
Immobilized TROP-2/TACSTD2[Biotin], His & Avi, Human (Cat.No.: Z03841) at 0.5 µg/ml (100 µl/Well) on the streptavidin precoated plate can bind Anti-TROP-2 Antibody.

Expression System
HEK293

Theoretical Molecular Weight
30.5 kDa

Formulation **Lyophilized from a 0.22 µm filtered solution in PBS, pH 7.4.**

Reconstitution
Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Storage & Stability
Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

TROP-2/TACSTD2 - Additional Information

Gene ID 4070

Other Names
Tumor-associated calcium signal transducer 2, Cell surface glycoprotein Trop-2, Membrane component chromosome 1 surface marker 1, Pancreatic carcinoma marker protein GA733-1, TACSTD2, GA733-1, M1S1, TROP2

Target Background

Trop-2 (Tumor-associated calcium signal transducer 2) is also known as epithelial glycoprotein-1 antigen (EGP-1). It is encoded by the TACSTD2 gene. The mutations of Trop-2 gene cause an autosomal recessive disorder. Trop-2 causes cancer cell growth, proliferation, invasion, migration, and survival of cancer cells

TROP-2/TACSTD2 - Protein Information

Name TACSTD2

Synonyms GA733-1, M1S1, TROP2

Function

May function as a growth factor receptor.

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Placenta, pancreatic carcinoma cell lines.

TROP-2/TACSTD2 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TROP-2/TACSTD2 - Images