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Tel: 858.875.1900 Fax: 858.875.1999

TROP-2/TACSTD2

Catalog # PVGS1722

Specification

TROP-2/TACSTD2 - Product Information

Primary Accession Q6P9Z6

Species
Rat

Sequence
Gln25-Gly270

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

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

Expression System
HEK293

Theoretical Molecular Weight
28.9 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 494343

Other Names
Tumor-associated calcium signal transducer 2, Parturition-related protein 1, Tacstd2, Prp1

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

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TROP-2/TACSTD2 - Protein Information

Name Tacstd2

Synonyms Prp1

Function
May function as a growth factor receptor.

Cellular Location
Membrane; Single-pass type I membrane protein

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 Cytomety
- Cell Culture

TROP-2/TACSTD2 - Images