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Human CellExp™ TROP-2 / TACSTD2, Human recombinant

TACSTD2, GA733-1, M1S1, TROP2
Catalog # PBV11612r

Specification

Human CellExp™ TROP-2 / TACSTD2, Human recombinant - Product info

Primary Accession	P09758
Calculated MW	**28.7 kDa KDa**

Human CellExp™ TROP-2 / TACSTD2, Human recombinant - Additional Info

Gene ID	**4070**

Other Names
TACSTD2, GA733-1, M1S1, TROP2

Gene Source	**Human**
Source	**HEK 293 cells**
Assay&Purity	**SDS-PAGE;> 95%**
Recombinant	**Yes**

Target/Specificity
TACSTD2

Application Notes
Reconstitute in sterile deionized water to the desired protein concentration.

Format
Lyophilized

Storage
-20°C;Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally Trehalose is added as protectant before lyophilization.

Human CellExp™ TROP-2 / TACSTD2, Human recombinant - 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

Human CellExp™ TROP-2 / TACSTD2, Human recombinant - Images

Human CellExp™ TROP-2 / TACSTD2, Human recombinant - Background

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Tumor-associated calcium signal transducer 2 (TACSTD2) is also known as Cell surface glycoprotein Trop-2, Membrane component chromosome 1 surface marker 1 (M1S1), Pancreatic carcinoma marker protein GA733-1, which belongs to the EPCAM family. TACSTD2 contains one thyroglobulin type-1 domain. TACSTD2 is a carcinoma-associated antigen defined by the monoclonal antibody GA733. TACSTD2 transduces an intracellular calcium signal and acts as a cell surface receptor. Mutations of TACSTD2 result in gelatinous drop-like corneal dystrophy, an autosomal recessive disorder characterized by severe corneal amyloidosis leading to blindness