

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**

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 Cytometry](#)
- [Cell Culture](#)

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

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