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TROP-2

Catalog # PVGS1691

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 1 EU per □g by the LAL method.
Biological Activity	Immobilized TROP2, His, Human (Cat.No.: Z03807) at 0.5 □g/ml can bind Anti-TROP-2 Antibody.
Expression System	HEK293
Theoretical Molecular Weight	28.9 kDa
Formulation	Lyophilized from 0.22 □m filtered solution in PBS, pH 7.4.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 □g/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the lyophilized product remains stable up to 6 months at -20 °C or below as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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	The protein Trop-2, encoded by the TACSTD2 gene, is involved in tumor progression. It is overexpressed in various solid cancers including colorectal, renal, lung, and breast cancers, as well as in rare and aggressive malignancies such as salivary duct, anaplastic thyroid, uterine/ovarian, and neuroendocrine prostate cancers.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.