TROP-2 Protein, Human (248a.a, HEK293, hFc)

Cat. No.:	HY-P72015
Synonyms:	Cell surface glycoprotein Trop 2; Cell surface glycoprotein Trop-2; Cell surface glycoprotein Trop2; Epithelial glycoprotein 1; GA733 1; GA7331; M1S 1; M1S1; Membrane component chromosome 1 surface marker 1; Pancreatic carcinoma marker protein GA733 1 ; Pancreatic carcinoma marker protein GA733-1; Pancreatic carcinoma marker protein GA7331 ; TACD 2; TACD2_HUMAN; TACSTD 2; Tacstd2; Trop 2; Trop2; Tumor associated calcium signal transducer 2 precursor ; Tumor-associated calcium signal transducer 2
Species:	Human
Source:	HEK293
Accession:	P09758 (H27-T274)
Gene ID:	4070
Molecular Weight:	Approximately 56.8 kDa

PROPERTIES

AA Sequence	H T A A Q D N C T C P T N K M T V C S P D G P G G R C Q C R A L G S G M A V D C S T L T S K C L L L K A R M S A P K N A R T L V R P S E H A L V D N D G L Y D P D C D P E G R F K A R Q C N Q T S V C W C V N S V G V R R T D K G D L S L R C D E L V R T H H I L I D L R H R P T A G A F N H S D L D A E L R R L F R E R Y R L H P K F V A A V H Y E Q P T I Q I E L R Q N T S Q K A A G D V D I G D A A Y Y F E R D I K G E S L F Q G R G G L D L R V R G E P L Q V E R T L I Y Y L D E I P P K F S M K R L T
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm solution of PBS, 6% Trehalose, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US;may vary elsewhere.

DESCRIPTION

Background	The TROP-2 protein emerges as a potential growth factor receptor, suggesting its involvement in cellular processes related to growth and signaling. As a putative receptor, TROP-2 may play a crucial role in transducing signals that regulate cell growth, proliferation, and potentially other cellular functions. The specific ligands and downstream pathways associated

with TROP-2-mediated growth factor signaling remain areas for further investigation. Unraveling the detailed molecular mechanisms and functional implications of TROP-2 in growth factor signaling will contribute to a comprehensive understanding of its role in cellular physiology and may open avenues for therapeutic interventions targeting this receptor.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA