TROP-2 Protein, Mouse (HEK293, hFc)

Cat. No.:	HY-P74488
Synonyms:	Tumor-associated calcium signal transducer 2; Cell surface glycoprotein Trop-2; TACSTD2; TROP2
Species:	Mouse
Source:	HEK293
Accession:	Q8BGV3 (Q25-Q270)
Gene ID:	56753
Molecular Weight:	Approximately 66 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
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 appears to function as a growth factor receptor, suggesting a key role in mediating cellular responses associated with growth regulation. Its involvement in this capacity indicates that TROP-2 may play a crucial role in transducing signals that contribute to cellular growth processes. Further exploration of the specific signaling pathways and downstream effects mediated by TROP-2 as a growth factor receptor could provide valuable insights into its functional significance and potential implications in cellular development and homeostasis.

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