TROP-2 Protein, Rat (246a.a, HEK293, His)

Cat. No.:	HY-P78364
Synonyms:	EGP1; EGP-1; TROP2; GA733-1; gp50; T16; TACSTD2; TROP-2; M1S1; TACD2
Species:	Rat
Source:	HEK293
Accession:	Q6P9Z6 (Q25-G270)
Gene ID:	494343
Molecular Weight:	40-50 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant 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 serve as a growth factor receptor, implying a pivotal role in mediating cellular responses related to growth regulation. This suggests that TROP-2 is integral to the transduction of signals that influence cellular growth processes. A more in-depth exploration of the specific signaling pathways and downstream effects orchestrated by TROP-2 in its capacity as a growth factor receptor could yield valuable insights into its functional significance, shedding light on potential implications for cellular development and homeostasis.

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