

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

Cat. No.:	HY-P71387
Synonyms:	Tumor-associated calcium signal transducer 2; Tacstd2; Trop2; Cell surface glycoprotein Trop-2
Species:	Mouse
Source:	HEK293
Accession:	Q8BGV3 (Q25-G270)
Gene ID:	56753
Molecular Weight:	38-55 kDa

### PROPERTIES

AA Sequence	<p>Q S N C T C P T N K    M T V C D T N G P G    G V C Q C R A M G S    Q V L V D C S T L T</p> <p>S K C L L L K A R M    S A R K S G R S L V    M P S E H A I L D N    D G L Y D P E C D D</p> <p>K 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    Q S L R C D E V V R</p> <p>T H H I L I E L R H    R P T D R A F N H S    D L D S E L R R L F    Q E R Y K L H P S F</p> <p>L S A V H Y E E P T    I Q I E L R Q N A S    Q K G L R D V D I A    D A A Y Y F E R D I</p> <p>K G E S L F M G R R    G L D V Q V R G E P    L H V E R T L I Y Y    L D E K P P Q F S M</p> <p>K R L T A G</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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	<p>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.</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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