

# TROP-2/TACSTD2

Catalog # PVGS1722

## Product Information

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<b>Primary Accession Species</b>	<a href="#">Q6P9Z6</a> Rat
<b>Sequence</b>	Gln25-Gly270
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
<b>Endotoxin Level</b>	Less than 1EU per $\mu$ g by the LAL method.
<b>Expression System</b>	HEK293
<b>Theoretical Molecular Weight</b>	28.9 kDa
<b>Formulation Reconstitution</b>	Lyophilized from a 0.22 $\mu$ m filtered solution in PBS, pH 7.4. Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu$ g/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage &amp; Stability</b>	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

## Additional Information

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<b>Gene ID</b>	494343
<b>Other Names</b>	Tumor-associated calcium signal transducer 2, Parturition-related protein 1, Tacstd2, Prp1
<b>Target Background</b>	Trop-2 (Tumor-associated calcium signal transducer 2) is also known as epithelial glycoprotein-1 antigen (EGP-1). It is encoded by the TACSTD2 gene. The mutations of Trop-2 gene cause an autosomal recessive disorder. Trop-2 causes cancer cell growth, proliferation, invasion, migration, and survival of cancer cells

## Protein Information

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<b>Name</b>	Tacstd2
<b>Synonyms</b>	Prp1

<b>Function</b>	May function as a growth factor receptor.
<b>Cellular Location</b>	Membrane; Single-pass type I membrane protein

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