

## Recombinant Rat Tacstd2 protein, His-tagged

**Cat. No.** TACSTD2-971R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Tacstd2 protein(Gln25-Gly270), fused with C-terminal His tag, was expressed in HEK293.                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 25-270 aa                                                                                                                                                                                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 28.88 kDa                                                                                                                                                                                                                                                                                                                                              |
| <b>Endotoxin</b>        | < 0.1 EU/µg of the protein by LAL method.                                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>           | ≥ 95 % as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.                                                                                                                                            |
| <b>Reconstitution</b>   | Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to |

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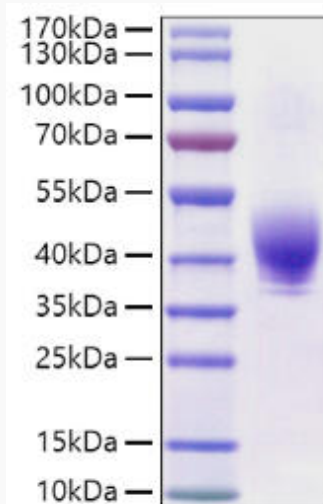
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minimize free-thaw cycles.

## GENE INFORMATION

|                        |                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Tacstd2 tumor-associated calcium signal transducer 2 [ Rattus norvegicus ]                            |
| <b>Official Symbol</b> | Tacstd2                                                                                               |
| <b>Synonyms</b>        | TACSTD2; tumor-associated calcium signal transducer 2; parturition-related protein 1; Prp1; MGC72570; |
| <b>Gene ID</b>         | 494343                                                                                                |
| <b>mRNA Refseq</b>     | NM_001009540                                                                                          |
| <b>Protein Refseq</b>  | NP_001009540                                                                                          |

## SDS-PAGE



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