

# Recombinant Rat Tspan7 protein, His-tagged

**Cat. No.** Tspan7-196R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Tspan7 protein(ABX10436.1)(Arg113-Met213), fused with His tag, was expressed in HEK293.                                                                                                                                                                             |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Arg113-Met213                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA. |
| <b>Molecular Mass</b>   | The recombinant rat TSPAN7 consists 120 amino acids and predicts a molecular mass of 13.9 kDa.                                                                                                                                                                                      |
| <b>Endotoxin</b>        | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                                                            |
| <b>Purity</b>           | > 85 % as determined by SDS-PAGE                                                                                                                                                                                                                                                    |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                     |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** Tspan7 tetraspanin 7 [ *Rattus norvegicus* ]

**Official Symbol** Tspan7

**Synonyms**

TSPAN7; tetraspanin 7; tetraspanin-7; neuroprotective protein 5; transmembrane 4 superfamily member 2; Transmembrane 4, superfamily member 2 (cell surface glycoprotein A15); A15; MXS1; Tm4sf2; TALLA-1; DXS1692E;

**Gene ID** 363447

**mRNA Refseq** NM\_001108815

**Protein Refseq** NP\_001102285

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