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Datasheet for ABIN7538572

TPBG Protein (AA 32-361) (His tag)

1 Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 50 µg |
| Target: | TPBG |
| Protein Characteristics: | AA 32-361 |
| Origin: | Mouse |
| Source: | Mammalian Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TPBG protein is labelled with His tag. |

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant mouse 5T4 protein with C-terminal 6xHis tag |
| Specificity: | Mouse 5T4 (Ser32-Ser361) 6xHis tag |
| Characteristics: | Extracellular Domain Protein |
| Purification: | Purified from cell culture supernatant by affinity chromatography |
| Purity: | The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

| | |
|-------------------|--|
| Target: | TPBG |
| Alternative Name: | 5T4 (TPBG Products) |
| Background: | Acts upstream of or within several processes, including dendrite arborization, olfactory learning, |

Target Details

and positive regulation of intracellular signal transduction. Located in several cellular components, including axon terminus, dendrite, and endoplasmic reticulum. Is expressed in several structures, including brain, epithelium, extraembryonic component, skin, and urinary system. Orthologous to human TPBG (trophoblast glycoprotein). [provided by Alliance of Genome Resources, Apr 2022]

Molecular Weight: predicted molecular mass of 36.6 kDa after removal of the signal peptide.

UniProt: [Q9Z0L0](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

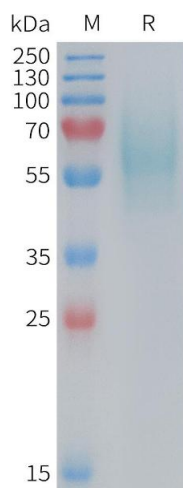
Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months

Images



SDS-PAGE

Image 1. Mouse 5T4 Protein, His Tag on SDS-PAGE under reducing condition.