

## **PRODUCT INFORMATION**

**Target** 5T4

**Synonyms** TPBG; M6P1; 5T4AG; WAIF1

Recombinant human 5T4(233-255) Protein with C-**Description** 

terminal human Fc tag

**Delivery** In Stock **Uniprot ID** Q13641 **Expression Host HEK293** 

Tag C-Human Fc tag

Molecular

**Purity** 

**Background** 

5T4(Leu233-Arg255) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 28.8 kDa after removal of the signal peptide.

The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation & Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a leucine-rich transmembrane

glycoprotein that may be involved in cell adhesion. The encoded protein is an oncofetal antigen that is specific to trophoblast cells. In adults this protein is highly expressed in many tumor cells and is associated with poor clinical outcome in numerous cancers. Alternate splicing

in the 5' UTR results in multiple transcript variants that encode the same protein. [provided

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by RefSeq, Oct 2009]

**Usage** Research use only Conjugate Unconjugated



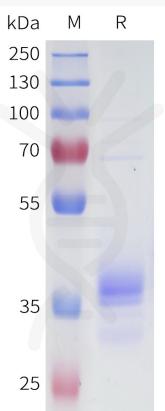


Figure 1. Human 5T4(233-255) Protein, hFc Tag on SDS-PAGE under reducing condition.

