PRODUCT INFORMATION

Target	5T4
Synonyms	TPBG; M6P1; 5T4AG; WAIF1
Description	Recombinant Cynomolgus 5T4 protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	Q4R8Y9
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	5T4(Thr35-Ser355) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 36.2 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Storage&Shipping	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.
Background	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 by RefSeq, Oct 2009]
Usage	Research use only
Conjugate	Unconjugated

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Cynomolgus 5T4 Protein, His Tag

Cat. No. PME-C100020

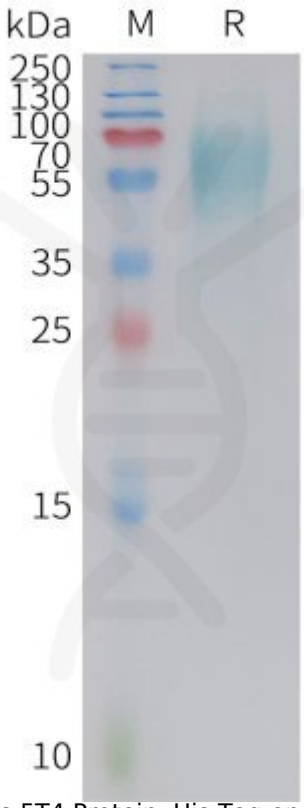


Figure 1. Cynomolgus 5T4 Protein, His Tag on SDS-PAGE under reducing condition.

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