PRODUCT INFORMATION

Target	5T4
Synonyms	TPBG;WAIF1
Description	Recombinant mouse 5T4 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9Z0L0
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	Mouse 5T4(Ser32-Ser361) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 36.6 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 of reconstitution.
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	Acts upstream of or within several processes, including dendrite arborization; olfactory learning; 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]
Usage	Research use only
Conjugate	Unconjugated

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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

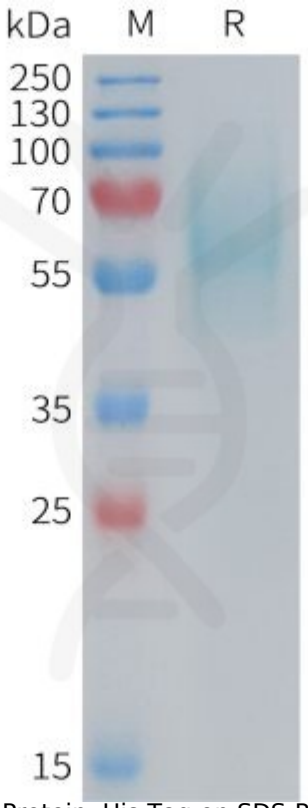


Figure 1. Mouse 5T4 Protein, His Tag on SDS-PAGE under reducing condition.

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