

5T4 protein

Eukaryotic 5T4

CATALOG # AAA150590	HOST 293F cells	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

5T4; Eukaryotic 5T4; 5T4-AG; M6P1; WAIF1; 5T4 oncofetal trophoblast glycoprotein; Wnt-activated inhibitory factor 1; Trophoblast Glycoprotein; 5T4 protein

PRODUCT SPECIFICATIONS

Host	293F cells
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Ser32~Ser3 61
Applicable Applications for 5T4 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Mouse
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.8
Subcellular Location	Secreted
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for 5T4 protein	Tumor immunity; Eukaryotic proteins/EP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	258645109
NCBI GeneID	21983
NCBI Accession #	NP_001158264.1
NCBI GenBank Nucleotide #	NM_001164792.1
UniProt Accession #	Q9Z0L0; Q3UPI2; Q6PE98; Q8BQA4
Molecular Weight	46,451 Da
NCBI Official Full Name	trophoblast glycoprotein
NCBI Official Synonym Full Names	trophoblast glycoprotein
NCBI Official Symbol	Tpbg
NCBI Official Synonym Symbols	5T4; AW495680
NCBI Protein Information	trophoblast glycoprotein; 5T4 oncofetal antigen; 5T4 oncotrophoblast glycoprotein; 5T4 oncofetal trophoblast glycoprotein
UniProt Protein Name	Trophoblast glycoprotein
UniProt Gene Name	Tpbg
UniProt Synonym Gene Names	5t4; 5T4 oncotrophoblast glycoprotein
UniProt Entry Name	TPBG_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.