

Recombinant Human TPBG protein, His-tagged

Cat. No. TPBG-6843H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPBG protein(Q13641)(32-355aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	32-355aa
Tag	C-His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	37.5 kDa
Purity	Greater than 90% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

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concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

SSPTSSASSFSSSAPFLASAVSAQPPLPDQCPALCECSEAARTVKCVNRNLTEVPTD
LPAYVRNLFLTGNQLAVLPAGAFARRPPLAELAALNLSGSRLDEVVRAGAFEHLPSLR
QLDL SHNPLADLSPFAFSGSNASVSAPSPLVELILNHIVPPEDERQNRSEFGMVVAA
LLAGRALQGLRRLELASNHFLYLPRDVLAQLPSLRHLDLSNNSLVSLTYVSFRNLTHL
ESLHLEDNALKVLHNGTLAELQGLPHIRVFLDNNPWVCDCHMADMVTWLKETEVVQ
GKDRLTCAYPEKMRNRVLLELNSADLDCDPILPPSLQTS

GENE INFORMATION

Gene Name TPBG trophoblast glycoprotein [Homo sapiens]

Official Symbol TPBG

Synonyms TPBG; trophoblast glycoprotein; 5T4; 5T4 AG; 5T4 oncofetal antigen; 5T4 oncotrophoblast glycoprotein; 5T4 oncofetal trophoblast glycoprotein; M6P1; 5T4AG;

Gene ID 7162

mRNA Refseq NM_001166392

Protein Refseq NP_001159864

MIM 190920

UniProt ID Q13641

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