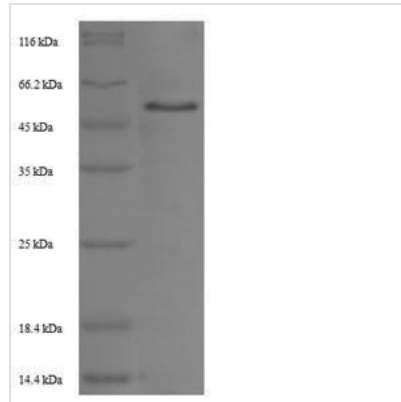




Recombinant Rat Trophoblast glycoprotein (Tpbg), partial

Product Code	CSB-EP024093RA
Relevance	May function as an inhibitor of Wnt/beta-catenin signaling by indirectly interacting with LRP6 and blocking Wnt3a-dependent LRP6 internalization.
Abbreviation	Recombinant Rat Tpbg protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q5PQV5
Alias	5T4 oncofetal trophoblast glycoprotein Short name: 5T4 oncotrophoblast glycoprotein Wnt-activated inhibitory factor 1 Short name: WAIF1
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SAPSSSLPSSSTSPAFLASGSAQPPPAERCPAAECSEAARTVKCVNRNLE VPADLPPYVRNLFLTGNQMTVLPAGAFARQPPLADLAVLNLSGNHLKEVGAGA FEHLPGLRRDLDSHNPLTNLSAFTFAGSNVSVSTPSPLELILNHIVPPEDQRQ NGSFEGMVAFEGMVAAALRSGALRGLHHLELASNHFLYLPRDLLDQLPSLKH LDRNNSLVSLTYASFRNLTHLESLHLEDNALKVLHNSTLAEWQGLAHVRVFL DNNPWVDCYADMVSWLKETEVVDPKARLTCAFPEKMRNRGLLDLTSSDL DCDATLPQSLQTS
Research Area	Others
Source	E.coli
Target Names	Tpbg
Expression Region	32-361aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	51.8kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.