



Recombinant Streptococcus pneumoniae serotype 4 Galactose-1-phosphate uridylyltransferase 1 (galT1)

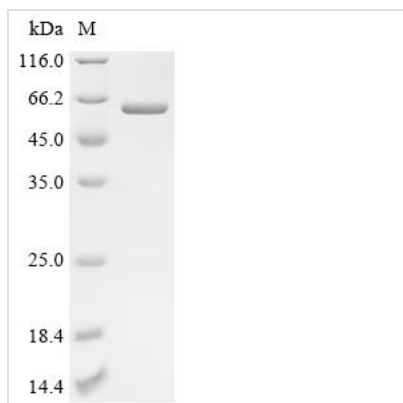
Product Code	CSB-EP839574FMW
Abbreviation	Recombinant Streptococcus pneumoniae serotype 4 galT1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q97P15
Form	Liquid or Lyophilized powder
Storage Buffer	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.
Product Type	Recombinant Streptococcus pneumoniae serotype 4 Galactose-1-phosphate uridylyltransferase 1 (galT1)
Immunogen Species	Streptococcus pneumoniae serotype 4 (strain ATCC BAA-334 / TIGR4)
Sensitivity	Not Test
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MKTIIDNFVDRVIEYGMNEIDKIYVKNRVLALIGEEGIDRISDENDLKQIKDYLVE IALKNGKIKDLIEEKECLGAELMNFIVPLPSRLNDIFWSSYDISPQEAVEEFYKLS KDSDYIKTSAIAKNIEFRASKYGELEITINLSKPEKDPKTIAAEKLVKATNYPKCL LCMENEGYQGRINYPARSNHRIIRLKLGDVEVWGFQYSPYSYFNEHAIFLNSQH VPMATSKTFEQLLEIVDILPGYFAGSNSDLPISGGSILSHNHYQGGKHIFPMEK AKFESEFCFKDFEDVNAGIVKWPM SVIRLQSENKNRLLDLATKILNKWREYSDL EVDIIAMTEDVPHHTVTPARKVDGRYELDIVLRDNHTTEQYPDGVFHPHQDVQ HIKKENIGLIEVMGLAILPPRLKPELEEVGKYLLGEDNAIADYHLEWADQLKEY PRINKEEVNSVVQHEAGQVFARVLEDAGVYKNTPSGHEAFMRFKSVGIN
Research Area	Others
Source	E.coli
Target Names	galT1
Expression Region	1-491aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	61.5 kDa



Protein Length

Full Length

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.