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Product Datasheet

cap5A Protein
orb1476793

Description	Recombinant Staphylococcus aureus Capsular polysaccharide type 5 biosynthesis protein cap5A(cap5A)
Endotoxins	Not test.
Form/Appearance	Liquid or Lyophilized powder
Preservatives	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.
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?/-80?. The shelf life of lyophilized form is 12 months at -20?/-80?.
Tag	N-terminal 10xHis-tagged
Note	For research use only.
Protein Sequence	MESTLELTKIKEVLQKNLKILIILPLLFLIISAIVTFFVLSPKYQANTQI LVNQTKGDNPQFMAQEVQSNIQLVNTYKEIVKSPRILDEVSKDLNDKYSP SKLSSMLTITNQENTQLINIQVKSGHKQDSEKIANSFAKVTSKQIPKIMS VDNVSILSKADGTAVKVAPKTVVNLIGAFFLGLVVALIYIFFKVIFDKRI KDEEDVEKELGLPVLGSIQKFN
Purity	Greater than 85% as determined by SDS-PAGE.
MW	26.4 kDa
Source	in vitro E.coli expression system
Biological Origin	Staphylococcus aureus (strain Newman)
Uniprot ID	P95695
Expiration Date	6 months from date of receipt.
Application Notes	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?/-80?. Our default final concentration of glycerol is 50%. Customers could use it as reference.