

Recombinant Full Length Capsular Polysaccharide Biosynthesis Protein Capd(Capd) Protein, His-Tagged

Cat. No. RFL17227SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Capsular polysaccharide biosynthesis protein CapD(capD) Protein (P39853) (1-599aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Staphylococcus aureus
Source	E.coli
ProteinLength	Full Length (1-599)
Form	Lyophilized powder
AA Sequence	MTSISAKLRFLILIIIDSFIVTFSVFLGYAILEPYFKGYSIDLLVSSVILLVSHHIFAY VFN LYHRAWAYASVSELM SVLKAVTSSIVTLLLVSL LISESPFLRLYFITWMMHLLIG GS RLFWRVYRRYFIDNAVEKKATLVVGAGQGGSVLIREMLRSQDMRMQPVLA VDDDK NKQ KMTITERVKVQGYVEDIPELVKKFRIKKIIIAIPTLSQKRLNEINKICNIEGVELFKM PN IEDVLSGELEVNNLKKVEVEDLLGRDPVELDMALISRELTNKTILVTGAGGSIGSEI CRQ VSKFDPQKIILLGHGENSIYSIHQELSKTYGNRIEFVPVIADVQNKTRILEVMNEF KPYA VYHAAAHKHVPLMEYNPHEAIRNNILGTKNVAESAKEGEVSKFVMISTDKAVN PSNVMGA TKRIAEMVIQSLNEDNSKTSFVAVRFGNVLGSRG SVIPLFKNQIESGGPV TVTHPEMTRY FMTIPEASRLVLQAGALAQQGGEVFLDMGKPKIVDLAKNLIRLSGK KEEDIGIEFSGIR PGEKLYEELLNKNEIHPQQVYEKIYRGKVDHYIKTEVDLIVEDLINN FSKEKLLKIANR
Purity	Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.
GENE INFORMATION	
Gene Name	capD
Synonyms	capD; Capsular polysaccharide biosynthesis protein CapD
UniProt ID	P39853