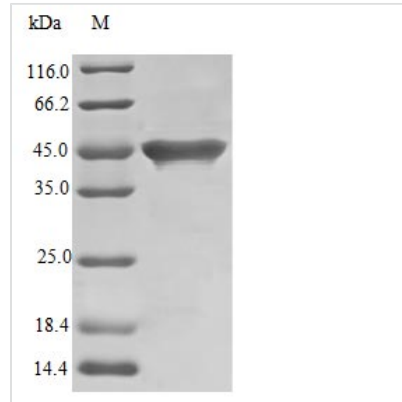




Recombinant Streptococcus sp Streptokinase G protein (skg) (Active)

| | |
|----------------------------|--|
| Product Code | CSB-AP000171SNC |
| Uniprot No. | P10519 |
| Form | Lyophilized powder |
| Storage Buffer | Lyophilized from a 0.2 µm filtered PBS, pH 7.4 |
| Product Type | Enzyme |
| Immunogen Species | Streptococcus sp. (strain 19909) |
| Biological Activity | Fully biologically active when compared to standard. The specific activity determined by fibrinolytic lysis in agarose plate is 8.0×10^4 IU/mg. |
| Purity | >97% as determined by SDS-PAGE. |
| Sequence | IAGPEWLLDR PSVNNSQLVV SVAGTVEGTN QDISLKFFEI DLTSRPAHGG KTEQGLSPKS KLFATDSGAM PHKLEKADLL KAIQEQLIAN VHSNDDYFEV IDFASDATIT DRNGKVYFAD KDGSVTLPIQ PVQEFLLKGH VRVRPYKEKP VQNQAQSV DV EYTVQFTPLN PDDDFRPALK DTKLLKTLAI GDTITSQELL AQAQSILNKN HPGYTIYERD SIVTHDNDI FRTLPMQDE FTYHVKNREQ AYRINKKSG L NEEINNTDLI SEKYYVLKKG EKPYDPFDRS HCLKLFTIKYV DVNTNELLKS EQLLTASERN LDFRDLYDPR DKAKLLYNNL DAFGIMDYTL TGKVEDNHDD TNRIITVYMG KRPEGENASY HLAYDKDRYT EEEREVYSYL RYTGTPIPDN PNDK |
| Research Area | Cardiovascular? |
| Source | E.Coli |
| Target Names | skg |
| Expression Region | 27-440aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag-Free |
| Mol. Weight | 47.3 kDa |
| Protein Length | Full Length of Mature Protein |
| PubMed ID | 2922269 |
| Image | |


Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

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.