



Recombinant Staphylococcus aureus Staphylococcal complement inhibitor (scn)

Product Code	CSB-EP858805SKY
Relevance	Involved in countering the first line of host defense mechanisms. Efficiently inhibits opsonization, phagocytosis and killing of S.aureus by human neutrophils. Acts by binding and stabilizing human C3 convertases (C4b2a and C3bBb), leading to their inactivation. The convertases are no longer able to cleave complement C3, therefore preventing further C3b deposition on the bacterial surface and phagocytosis of the bacterium. Also prevents C5a-induced neutrophil responses (By similarity).
Abbreviation	Recombinant Staphylococcus aureus scn 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.	Q99SU9
Alias	SCIN
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus (strain N315)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	STSLPTSNEYQNEKLANELKSLLDDELNVNELATGSLNTYYKRTIKISGLKAMYAL KSKDFKKMSEAKYQLQKIYNEIDEALKSKY
Research Area	Others
Source	E.coli
Target Names	scn
Expression Region	32-116aa
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	25.8kDa
Protein Length	Full Length of Mature Protein
Image	

