

Product Datasheet

SCIN Protein, *S. aureus*, Recombinant (His & Myc) (orb1976343)

Catalog Number	orb1976343
Description	Involved in countering the first line of host defense mechanisms. Efficiently inhibits opsonization, phagocytosis and killing of <i>S.aureus</i> 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. SCIN Protein, <i>S. aureus</i> , Recombinant (His & Myc) is expressed in <i>E. coli</i> expression system with N-10xHis and C-Myc tag. The predicted molecular weight is 17.2 kDa and the accession number is A7X482.
Storage	-20°C
Tag	N-10xHis, C-Myc
Note	For research use only
Application notes	Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 µg/mL. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.
Protein Sequence	STSLPTSNEYQNEKLANELKSLLDLNVNELATGSLNTYYKRTIKISGQKAMYALKSKDFKKM SEAKYQLQKIYNEIDEALKSKY
Purity	98.00%
MW	17.2 kDa (predicted)
Uniprot ID	A7X482
Expiration Date	6 months from date of receipt.

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