

Recombinant Staphylococcus Aureus SCN Protein (32-116 aa), His-tagged

Cat. No. SCN-2399S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Staphylococcus Aureus (strain N315) SCN Protein (32-116 aa) is produced by Yeast expression system. This protein is fused with a 10xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Staphylococcus Aureus
Source	Yeast
ProteinLength	32-116 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	12.3 kDa
AA Sequence	STSLPTSNEYQNEKLANELKSLLDELNVNELATGSLNTYYKRTIKISGLKAMYALKSK DFKKMSEAKYQLQKIYNEIDEALKSKY

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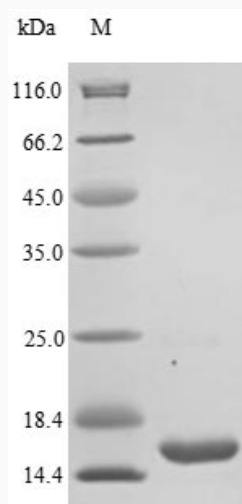
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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Synonyms	scn;
UniProt ID	Q99SU9



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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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