

Recombinant Staphylococcus Aureus SDRE Protein (53-601 aa), His-tagged

Cat. No. SDRE-1954S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Staphylococcus Aureus (strain Mu50/ATCC 700699) SDRE Protein (53-601 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Staphylococcus Aureus
Source	E.coli
ProteinLength	53-601 aa
Description	Cell surface-associated protein causing human platelet aggregation. Appears to be involved in the aggregation of host platelets thus playing a role in infective endocarditis. May bind calcium.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	64.5 kDa
AA Sequence	AENTSTENAKQDDATTSDNKEVVSETENNSTTENDSTNPIKKETNTDSQPEAKEEST TSSTQQQQNNVTATTETKPNIEKENVKPSTDKTATEDTSVILEEKKAPNYTNNDVT TKPSTSEIQTTPQESTNIENSQPQPTPSKVDNQVTDATNPKEPVNVSKEELKNN PEKLKELVRNDNNTDRSTKPVATAPTSVAPKRLNAKMRFAVAQPAAVASNNVNDLIT VTKQTIKVGDKDNVAAAHGDKDIEYDTEFTIDNKVKKGDTMTINYDKNVIPSDLTDK NDPIDITDPSGEVIAKGTDFDKATKQITYTFTDYVDKYEDIKARLTLYSYIDKQAVPNETS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LNLT FATAGKETSQNVSV DYQDPMVHGDSNIQSIFTKLDENKQTIEQQIYVNPLKKTA
 TNTKVDIAGSQVDDYGNIKLGNGSTIIDQNTEIKVYKVNPNQQLPQSNRIYDFSQYED
 VTSQFDNKKSFNNVATLDFGDINSAYIIKVVSKYTPTSDGELDIAQGTS MRTTDKYG
 YYNYAGYSNFIVTSNDTGGGDGTVKPEEK

Purity > 90% 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 with reconstitution instruction is sent along with the products.

GENE INFORMATION

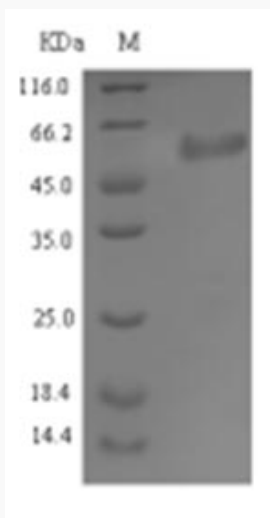
Synonyms sdrE;

UniProt ID [Q932F7](#)

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

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