

Recombinant Staphylococcus Aureus CLPC Protein (1-147 aa), His-SUMO-tagged

Cat. No. CLPC-1900S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Staphylococcus Aureus (strain Mu50/ATCC 700699) CLPC Protein (1-147 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	Staphylococcus Aureus
Source	E.coli
ProteinLength	1-147 aa
Description	Required for growth at high temperatures, probably by acting as a chaperone during heat shock and targeting heat-denatured proteins for degradation by ClpP.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	32.4 kDa
AA Sequence	MLFGRLTERAQRVLAHAQEEAIRLNHSNIGTEHLLGLMKEPEGIAAKVLESFNITED KVIEEVEKLIGHGQDHVGTLYHTPRAKKVIELSMDEARKLHHNFVGTEHILLGLIRENE GVAARVFANLDLNITKARAQVVKALGNPEM
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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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.

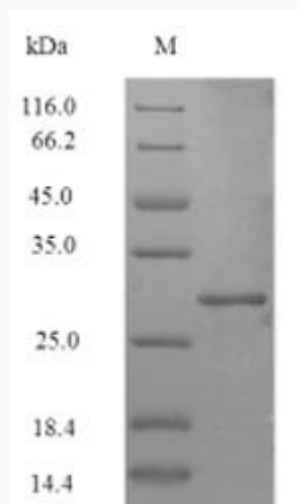
GENE INFORMATION

Synonyms

clpC;

UniProt ID

[Q99W78](#)



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

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