

MecA Protein, *S. aureus*, Recombinant (His & SUMO)

General Information

Synonyms: Adapter protein MecA;mecA

Protein Construction: 1-239 aa

Species: *Staphylococcus aureus*

Expression Host: *E. coli*

Accession: P60186

Molecular Weight: 44.3 kDa (predicted)

AA Sequence:

MRIERVDDTTVKLFITYSDIEARGFSREDLWTRNRKRGEEFFWSMMDEINEEEDFVVEGPLWVIQVHAFEKGVVEVT
ISKSKNEDMMNMSDDDATDQFDEQVQELLAQTLEGEDQLEELFEQRTKEKEAQGSKRQKSSARKNTRTIIVK
FNDLEDVINAYHSNPITTEFEDLLYMVDGTYYYAVHFDSHVDQEVINDSYSQLLEFAYPTDRTEVYLNDYAKI
IMSHNVTAQVRRYFPETTE

QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.

Purity: > 90% as determined by SDS-PAGE.

Endotoxin: < 1.0 EU/μg of the protein as determined by the LAL method.

Formulation: Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Enables the recognition and targeting of unfolded and aggregated proteins to the ClpC protease or to other proteins involved in proteolysis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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