

ACP Protein, S. aureus, Recombinant (GST)

General Information

Synonyms:	acpP;ACP;hmrB;Acyl carrier protein
Protein Construction:	1-77 aa
Species:	Staphylococcus aureus
Expression Host:	E. coli
Accession:	P0A001
Molecular Weight:	35.5 kDa (predicted)
AA Sequence:	MENFDKVKDIIVDRLGVADKVTEDASFKDDLGLADSLDIAELVMELEDFGTEIPDEEAEKINTVGDAVKFINS LEK

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.
Shipping:	In general, Lyophilized powders are shipping with blue ice. Solutions are shipping with dry ice.

Protein Background

Carrier of the growing fatty acid chain in fatty acid biosynthesis. Is able to confer high methicillin resistance to S. aureus when overproduced.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481