

Recombinant Staphylococcus aureus Acyl carrier protein(acyP)

Catalog No: #AP70581

Package Size: #AP70581-1 20ug #AP70581-2 100ug #AP70581-3 1mg

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Description

Product Name	Recombinant Staphylococcus aureus Acyl carrier protein(acyP)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-77aaSequence Info:Full Length
Other Names	hmrB
Accession No.	P0A001
Calculated MW	24.5 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MENFDKVKDIIVDRLGVADKVTEDASFKDDLGLADSLDIAELVMELEDFGTEIPDEEAKEINTVGDAVKFINSL EK
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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

References

"Whole genome sequencing of methicillin-resistant Staphylococcus aureus."

Kuroda M., Ohta T., Uchiyama I., Baba T., Yuzawa H., Kobayashi I., Cui L., Oguchi A., Aoki K., Nagai Y., Lian J.-Q., Ito T., Kanamori M., Matsumaru H., Maruyama A., Murakami H., Hosoyama A., Mizutani-Ui Y.Hiramatsu K.

Lancet 357:1225-1240(2001)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.