



Recombinant Staphylococcus aureus

Aminoacyltransferase FemA (femA)

Product Code	CSB-YP860032SKX
Abbreviation	femA
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.
Uniprot No.	Q99UA7
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus (strain Mu50 / ATCC 700699)
Purity	>85% (SDS-PAGE)
Sequence	MKFTNLTAK FGAFTDSMPY SHFTQTVGHY ELKLAEGYET HLVGIKNNNN EVIAACLLTA VPVMKVFKYF YSNRGPVIDY ENQELVHFFF NELSKYVKKH RCLYLHIDPY LPYQYLNHDG EITGNAGNDW FFDKMSNLGF EHTGFHKGFD PVLQIRYHSV LDLKDKTADD IIKNMDGLRK RNTKKVKKNG VKVRYLSEEE LPIFRSFMED TSESKAFADR DDKFYNNRLK YYKDRVLVPL AYINFDEYIK ELNEERDILN KDLNKALKDI EKRPENKKAH NKRDNLQQQL DANEQKIEEG KRLQEEHGNE LPISAGFFFI NPFEVYYAG GTSNAFRHFA GSYAVQWEMI NYALNHGIDR YNFYGVSGKF TEDAEDAGVV KFKKGYNAEI IEYVGDFIKP INKPVYAAAYT ALKKVKDRIF
Source	Yeast
Target Names	femA
Protein Names	Recommended name: Aminoacyltransferase FemA EC= 2.3.2.17 Alternative name(s): Factor essential for expression of methicillin resistance A N-acetylmuramoyl-L-alanyl-D-glutamyl-L-lysyl-(N6-glycyl)-D-alanyl-D-alanine-diphosphoundecaprenyl-
Expression Region	1-420
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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