



Recombinant Lipid A export ATP-binding/permease protein MsbA (msbA)

Product Code	CSB-CF669540FAAI
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q47908
Product Type	Transmembrane Protein
Immunogen Species	Francisella novicida
Sequence	<p>MTNHQKVGTLTKRLLLQVKHLMFAFSAFGCYRKYIFLSADASMIYLNIPILNYGFG PGGGI TKQSATILMLMGVGMVGFIALRSVGSFVSQYFIGSLGQKVYKFRKDIYKRLMD LPASFF DKHSTGQIISRLLYNVDQVTEATSTAITVVQDGTFFVIGLIVVMFVSSWQLSLFLI VVG FLGLFISIINKKFRNLSRNTQSSMGNVHTHTAETIRNYKEIRIFGAQQKQKNKFF KNLDY TYSQQIRTIALDALTSPVIQIIASLVLAFLFTIAIFGTNDGGGSSWLTAGSFASFF AAA AAILKPIKNLTKVNVVIQKAVAATEDIFYILDYPAEKETGSKELAKVDGNVTIKDLS FAF GEHKVLSGVSDIKAGQTVAFVVGKSGSGKTTLSIISRFYTQHKGEILLDGVDT RELTLE NLRSHLSIVSQNVHLFDDTVYNNIAFGLSREVSEDEVIDALKRANAYEFVQELS DGIHTN IGNNGSKLGGQRQRISARALLKNAPVLIFDEATSALDNESERVVQQALES ESCTTI VIAHRLSTVENADKIVVMDGGKVVESGKHQELLEQGGLYTGSIINRDFNSTYAR</p>
Source	in vitro E.coli expression system
Target Names	msbA
Protein Names	Recommended name: Lipid A export ATP-binding/permease protein MsbA EC=3.6.3.-
Expression Region	1-593
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
Shelf Life	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.