



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

Product Code	CSB-CF813909EGX
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q8FJB1
Product Type	Transmembrane Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Sequence	MHNDKDLSTWQTFRRLWPTIAPFKAGLIVAGVALILNAASDTFMLSLLKPLLDD GFGKTD RSVLMWMPPLVVIGLMILRGITSYISSYCISWVSGKVMTMRRRLFHMMGMPV SFFDKQS TGTLRSRITYDSEQVASSSSGALITVVREGASIIGLFIMMFYYSWQLSILIVLAPIV SI AIRVVSKRFRNISKNMQNTMGQVTTSAEQMLKGHKEVLIFGGQEVETKRFDKV SNRMRLQ GMKMVSASSISDPIIQLIASLALAFVLYAASFPSVMDSLTAGTITVVFSSMIALMR PLKS LTVNAQFQRGMAACQTLFTILDSEQEKDEGKRVIERATGDVEFRNVFTFTYPG RDVPALR NINLKIPAGKTVALVGRSGSGKSTIASLITRFYDIDEGEILMDGHDLDREYTLASLR NQVA LVSQNVHLFNDTVANNIAYARTEQYSREQIEEAARMAYAMDFINKMDNGLDTVI GENGVL LSGGQRQRIARALLRDSPILILDEATSALDTESERAIQAALDELQKNRTSLVIA HRLS TIEKADEIVVVEDGVIVERGTHNDLLEHRGVYAQLHKMQFGQ
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	1-582
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.