



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

Product Code	CSB-CF332218HTA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P44407
Product Type	Transmembrane Protein
Immunogen Species	Haemophilus influenzae (strain ATCC 51907 / DSM 11121 / KW20 / Rd)
Sequence	<p>MQEQKLQENDFSTLQTFKRLWPMIKPFGKAGLIVSGVALVFNALADSGLIYLLKP LLDDGF GKANHSFLKMMAFVVVGMILRGITNFISNYCLAWVSGKVMTMRRRLFKHLM FMPVSFF DQNSTGRLLSRITYDSQMIASSSSGSLITIVREGAYIISLFAVMFYTSWELTIVLFII GP IIAVLIRLVSKIFRRLSKNLQDSMGELTSATEQMLKGHKVVLSFGGQHVVEVHF NHVSND MRRKSMKMVTANSISDPVVQVIASLALATVLYLATTPLIAEDNLSAGSFTVVVSS MLAMM RPLKSLTAVNAQFQSGMAACQTLFAILDLEPEKDDGAYKAEPKGELEFKNVS FAYQGKD ELALNNISFSVPAGKTVALVGRSGSGKSTIANLVTRFYDIEQGEILLDGVNIQDY RLSNL RENCVVVSQQVHLFNDTIANNIAYAAQDKYSREEIIAAAKAAYALEFIEKLPQVF DTVIG ENGTSLSGGQRQRLAIARALLRNSPVLILDEATSALDTESEIRAIQSALEELKKD RTVVVI AHRLSTIENADEILVIDHGEIRERGNHKTLLLEQNGAYKQLHSMQFTG</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	1-587
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.