



Recombinant *Bacillus pseudofirmus* Probable cadmium-transporting ATPase (cadA)

Product Code	CSB-CF339092BRB
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P30336
Product Type	Transmembrane Protein
Immunogen Species	<i>Bacillus pseudofirmus</i> (strain OF4)
Sequence	<p>MSDQKAITSEQEMKAYRVQGFTCANCAGKFEKNVKQLSGVEDAKVNF GASKI AVYGNATI EELEKAGAFENLKVTPEKSARQASQEVKEDTKEDKVPFYKKHSTLLYASLLIAF GYLSSY VNGEENIVTLLFLASMFIGGLSLFKVGLQNLLRFEFDMKTLMTVAVIGGAIIGE WAEVA IVVILFAISEALERFSMDRARQSIRSLMDIAPKEALVKRNGQEIMIHVDDIAVGDI MIVK PGQKIAMDGVVSGYSAVNQAAITGESVPVEKTVDNEVFAGTLNEEGLLEVEIT KLVEDT TISKIHLVEEAQGERAPSQAFVDKFAKYTPIIMIIAALVAIVPPLFFDGSWETWI YQG LAVLVVGCPCALVISTPISIVSAIGNAAKKGVLVKGGVYLEEMGALKAIAFDKTG TLTKG VPAVTDYNVLNKQINEKELLSIITALEYRSQHPLASAIMKKAEEENITYSDVQVE DFSSI TGKGIKIVNGTTYIGSPKLFKELLTNDFDKDLEQNVTTLQNQGKTAMIIGTEK EILAV IAVADEVRESSKEILQKLHQLGIKKTIMLTGDNKGTANAIGGQVGVSDIEAELMP QDKLD FIKQLRSEYGNVAMVGDGVNDAPALAASTVGIAMGGAGTDTALETADVALMG DDLRKLPF TVKLSRKTLNIIKANITFAIAIKFIALLLVIPGWLTLWAILSDMGATLLVALNGLRLM R VKE</p>
Source	in vitro <i>E.coli</i> expression system
Target Names	cadA
Protein Names	Recommended name: Probable cadmium-transporting ATPase EC= 3.6.3.3 Alternative name(s): Cadmium efflux ATPase
Expression Region	1-723
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.