



Recombinant *Borrelia burgdorferi* Probable M18 family aminopeptidase 1 (apeA)

Product Code	CSB-EP472411BUG-B
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.	B7J1T9
Product Type	Recombinant Protein
Immunogen Species	<i>Borrelia burgdorferi</i> (strain ZS7)
Purity	>85% (SDS-PAGE)
Sequence	MKKQNPWIYL NEEENQILN FSESYKKFIS KFKTEREVTA YALDKAKKLG FINAEEKKNL MPGDKIFYTC REKSVAFI GKNPIEDGMN FIVSHTDSPR LDAKPSPISE ENELTFIKTN YYGGIKKYQW LSTPLSIRGV VFLKNGEKVE INIGDNENDP VFVIPDILPH LDRKIQRNKK SDEIVEGENL KILIGSLPIE TKEKNKVKLA TLQLIKEKYK IEEEDFVSSE IEIVPAGTAK DVGFDKALIG AYGQDDKICV FTSLESIFDL EETPNKTAIC FLVDKEEIGS TGSTGLDSRY LEYFVSDMIF KIKKSEYNNL HVQKALWNSK SISADVCAAI NPLFSSVHDE QNAPQLGYGI PIMKYTGHGG KSMASDADAE LVSYIRQLLN KNNIAWQVAT LGKVEEGGGG TVAKFLAGYG IRTIDMGPV ISMHSPMEIT SKFDLYNAYL AYKAFYRE
Source	E.coli
Target Names	apeA
Protein Names	Recommended name: Probable M18 family aminopeptidase 1 EC= 3.4.11.-
Expression Region	1-458
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. 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.