



Recombinant Bovine Plasma kallikrein (KLKB1), partial

Product Code	CSB-EP643461BO
Abbreviation	KLKB1
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.	Q2KJ63
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Bos taurus (Bovine)
Purity	>85% (SDS-PAGE)
Sequence	G CLTQLYHNIF FRGGDVSAMY TPDAQYCQLM CTFHPRCLLF SFLPENSTSD ADKRFGCFLK DSVTGTLP RV SRTGAISGHS LKRCGHQISA CHRSIYKID MRGVNFNASK VRSACEQER CTNNIHCQFF TYATKTFSSA EYRNTCLLKR SPQGTPTRIK VLSDVESGFS LKACGNSKIG CRVDIFQHS A FSDVDVAGII APDAFVCRTI CTYHPSCLFF TFYTNWKT D SQRNVCFLKT SQSGSPSSPT PQENAI SGYS LLTCKQTLPG TEPCHSKIYP QVAFEGEELH VTFVKGVDGC QETCTKMIRC QFFTYSLFPE DCRGEKCKCS LRLSLDGSPT NITYGTQASS GYSLRLCKRG DSRVCTTKRT R
Source	E.coli
Target Names	KLKB1
Protein Names	Recommended name: Plasma kallikrein EC= 3.4.21.34 Alternative name(s): Fletcher factor Kininogenin Plasma prekallikrein Cleaved into the following 2 chains: 1. Plasma kallikrein heavy chain 2. Plasma kallikrein light chain
Expression Region	20-391
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	Partial
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.



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