

Haemolytica Leukotoxin Recombinant Protein | IktA recombinant protein

Recombinant Pasteurella haemolytica Leukotoxin(IktA)

CATALOG # AAA114691	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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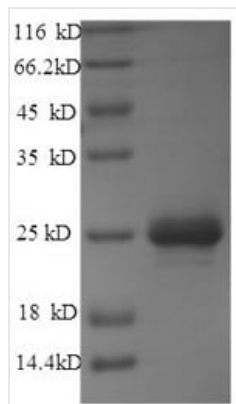
PRODUCT SYNONYMS

Haemolytica Leukotoxin; Recombinant Pasteurella haemolytica Leukotoxin(IktA); IktA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	715-953. Partial
Sequence	IGTSHNDIFK GSKFNDAFNG GDGVDITDGN DGNDRLFGGK GDDIIDGGNG DDFIDGGKGN DLLHGGKGDD IFVHRQGDGN DSITESEGND KLSFSDSNLK DLTFEKVNHH LVITNTKQEK VTIQNWFREA EFAKTIQNYV ATRDDKIEEI IGQNGERITS KQVDELIEKG NGKIAQSELT KVVVDNYQLLK YSRDASNSLD KLISSASAFT SSNDSRNVLA SPTSMLDPSL SSIQFARAA
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for IktA recombinant protein	Pasteurella leukotoxins are exotoxins that attack host leukocytes and especially polymorphonuclear cells, by causing cell rupture. The leukotoxin binds to the host LFA-1 integrin and induces a signaling cascade leading to many biological effects, including tyrosine phosphorylation of the CD18 tail, elevation of the intracellular Ca ²⁺ and lysis of the host cell. This leukotoxin is a major contributor to the pathogenesis of lung injury in ovine pneumonic pasteurellosis. It has also weak holytic activity.
References	Sequence diversity and molecular evolution of the leukotoxin (IktA) gene in bovine and ovine strains of Mannheimia (Pasteurella) haemolytica. Davies R.L., Whittam T.S., Selander R.K.J. Bacteriol. 183:1394-1404(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	73621161
UniProt Accession #	P0C085; Q9EV28
Molecular Weight	28 kDa
NCBI Official Full Name	Leukotoxin
UniProt Protein Name	Leukotoxin
UniProt Gene Name	lktA
UniProt Synonym Gene Names	Lkt
UniProt Entry Name	LKA7B_MANHA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/lkta-recombinant-protein-e-coli/114691>