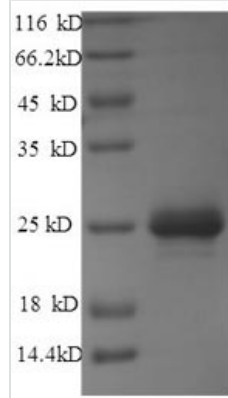




# Recombinant Pasteurella haemolytica Leukotoxin(IktA),partial

<b>Product Code</b>	CSB-EP314743ESE
<b>Relevance</b>	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 <sup>2+</sup> 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.
<b>Storage</b>	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.
<b>Uniprot No.</b>	P0C085
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Protein
<b>Species</b>	Mannheimia haemolytica (Pasteurella haemolytica)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	IGTSHNDIFKGSKFNDAFNGGDGVDTIDGNDGNDRLFGGKGDDIIDGGNGDDF IDGGKGNLLHGGKGGDIFVHRQGDGNDSEGNKLSFSDSNLKDILTFEK VNHHLVITNTKQEKVTIQNWFREAFAKTIQNYVATRDDKIEEIIIGQNGERITSK QVDELIEKGNGKIAQSELTKVVDNYQLLKYSRDASNLDKLISSASAFTSSNDS RNVLASPTSMLDPSLSSIQFARAA
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Gene Names</b>	lktA
<b>Expression Region</b>	715-953aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal GST-tagged
<b>Mol. Weight</b>	53.0kDa
<b>Protein Description</b>	Partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.