Recombinant Pasteurella Haemolytica LKTA Protein (715-953 aa), GST-tagged

Cat. No. LKTA-869P **Lot. No.** (See product label)

SPECIFICATION

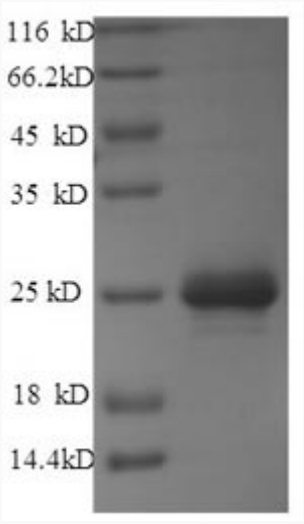
Product Overview	Recombinant Pasteurella Haemolytica LKTA Protein (715-953 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Partial.
Species	Pasteurella Haemolytica
Source	E.coli
ProteinLength	715-953 aa
Description	Pasteurella 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 Ca2+ 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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	53.0 kDa
AA Sequence	IGTSHNDIFKGSKFNDAFNGGDGVDTIDGNDGNDRLFGGKGDDIIDGGNGDDFIDGG KGNDLLHGGKGDDIFVHRQGDGNDSITESEGNDKLSFSDSNLKDLTFEKVNHHLVIT NTKQEKVTIQNWFREAEFAKTIQNYVATRDDKIEEIIGQNGERITSKQVDELIEKGNGK

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	IAQSELTKVVDNYQLLKYSRDASNSLDKLISSASAFTSSNDSRNVLASPTSMLDPSLSSIQFARAA
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID	P0C085



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

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