



Recombinant *Pasteurella haemolytica* IktA Protein Product Manual

1. Product Basic Information

Product No.: REP07363

Protein Name: Duf1676 Domain-Containing Protein Osi19 (IktA)

Aliases: DUF1676 domain-containing protein Osi19

UniProt ID: P0C085

UniProt Link: <https://www.uniprot.org/uniprotkb/P0C085/entry>

Species Source: Mannheimia haemolytica (*Pasteurella haemolytica*)

Expression System: E.coli

Protein Length: Partial (1-229aa)

Molecular Weight: 29.2kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (1-229aa)

MGNKLTNISTNLKSSWLTAKSGLNRTGQSLAKAGQSLKTGAKKIILYIPKDYQYDTEK
GNGLQDLVKAAEELGIEVQKEEGNDIAKAQTS LGTIQNV LGLTERGIVLSAPQLDKLL
QKTKVGQAIGSAENLT KGFSNAKTVLSGIQSILGSVLAGMDLDEALQKNSNELTLAK
AGLELTNSLIENIANSVKTLDAFGDQINQLGSKLQNVKGLSSLGDKLKGLSGFDKT

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions



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Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant *Pasteurella haemolytica* lktA partial protein (1-229aa) expressed in *E.coli*. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. lktA, also known as DUF1676 domain-containing protein Osi19, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.