

Product datasheet

Recombinant IpaD protein (Tagged) ab226287

1 Image

Description

Product name Recombinant IpaD protein (Tagged)

Purity > 90 % SDS-PAGE.

Expression system Escherichia coli

Accession **P18013**

Protein length Full length protein

Animal free No

Nature Recombinant

Species Shigella flexneri

Sequence

```
MNITTLTNSISTSSFSPNNTNGSSTETVNSDIKTTTSSHPVS
SLTMLNDT
LHNIRTTNQALKKELSQKTLTKTSLEEIALHSSQISMDVNKS
AQLLDILS
RNEYPIKNDARELLHSAPKEAELDGDQMISHRELWAKIAN
SINDINEQYL
KVYEHAVSSYTQMYQDFSAVLSSLAGWISPGGNDGNSVK
LQVNSLKKALE
ELKEKYKDKPLYPANNTVSQEQANKWLTELGGTIGKVSQK
NGGYVVSINM
TPIDNMLKSLDNLGGNGEVVLDNAKYQAWNAGFSAEDET
MKNNLQTLVQK
YSNANSIFDNLVKVLSSTISSCTDSDKLFLHF
```

Predicted molecular weight 57 kDa including tags

Amino acids 1 to 332

Tags His tag N-Terminus

Additional sequence information 10xHis-SUMO tag at the N-terminus and Myc tag at the C-terminus.

Specifications

Our **Abpromise guarantee** covers the use of **ab226287** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

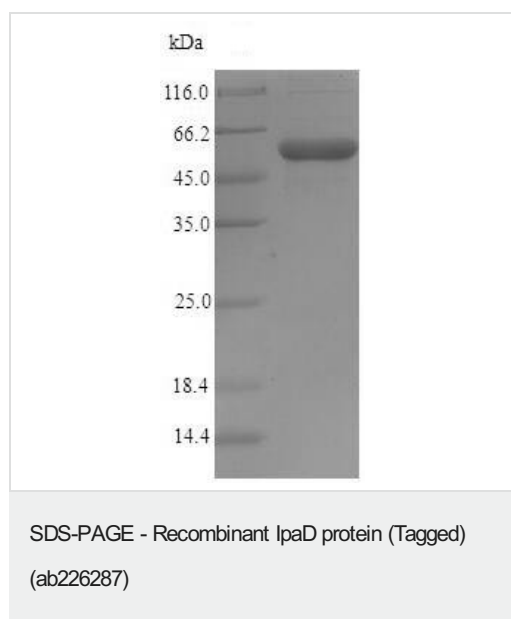
Stability and Storage Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
pH: 7.2
Constituents: 50% Glycerol (glycerin, glycerine), Tris buffer

General Info

Relevance Required for bacterial invasion of host cells. Controls ipaB and ipaC secretion, and the efficiency with which they are physically inserted into target cell membranes. These proteins are exported via TTSS to form a pore in the host membrane that allows the translocation of the other effectors into the host cytoplasm. Along with ipaB, is essential for both blocking secretion through the Mxi/Spa translocon in the absence of a secretion-inducing signal, and for controlling the level of secretion in the presence of this signal.

Cellular localization Secreted

Images



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis of ab226287 with 5% enrichment gel and 15% separation gel.

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