

Recombinant Full Length Bifidobacterium Longum Subsp. Infantis Lipoprotein Signal Peptidase(Lspa) Protein, His-Tagged

Cat. No. RFL34049BF **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Full Length Bifidobacterium longum subsp. infantis Lipoprotein signal peptidase(lspA) Protein (B7GQ27) (1-182aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Bifidobacterium longum |
| Source | E.coli |
| ProteinLength | Full Length (1-182) |
| Form | Lyophilized powder |
| AA Sequence | MTNQQGRLRTRVAVFACVAAAALIVDQLTKAWAMAALSNGQTIRVIPGLLSFTLVRN PGA SLGMGSGATWVISLLAVVACVALAVAGVRTISMKWSVALSFAGALGNLIDR VMYADGF LNGKVVDLFLNYGWSVGNVADIYLVVAGVVVLVILILMGEPFESHKDLIEQSD ESLQSEPEAD AK |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid |

 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

repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name lspA

Synonyms lspA; Blon_0804; BLIJ_0819; Lipoprotein signal peptidase; Prolipoprotein signal peptidase; Signal peptidase II; SPase II

UniProt ID [B7GQ27](#)

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