

Recombinant Escherichia coli O9:H4 Outer-membrane lipoprotein carrier protein(lolA)

Catalog No: #AP71204

Package Size: #AP71204-1 20ug #AP71204-2 100ug #AP71204-3 1mg

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Description

Product Name	Recombinant Escherichia coli O9:H4 Outer-membrane lipoprotein carrier protein(lolA)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:22-203aaSequence Info:Full Length
Accession No.	A7ZYJ5
Calculated MW	24.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	DAASDLKSRLDKVSSFHASFTQKVTGSGAAVQEGQGDLWVKRPNLFNWHMTQPDESILVSDGKTLWFYNP FVEQATATWLKDATGNTPFMLIARNQSSDWQQYNIKQNGDDFVLTPKASNGNLKQFTINVGRDGTIHQFSAVE QDDQRSSYQLKSQQNGAVDAAKFTFTPPQGVTVDQQRK
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Participates in the translocation of lipoproteins from the inner mbrane to the outer mbrane. Only forms a complex with a lipoprotein if the residue after the N-terminal Cys is not an aspartate (The Asp acts as a targeting signal to indicate that the lipoprotein should stay in the inner mbrane).

References

The pangenome structure of Escherichia coli comparative genomic analysis of E. coli commensal and pathogenic isolates.Rasko D.A., Rosovitz M.J., Myers G.S.A., Mongodin E.F., Fricke W.F., Gajer P., Crabtree J., Sebahia M., Thomson N.R., Chaudhuri R., Henderson I.R., Sperandio V., Ravel J.J. Bacteriol. 190:6881-6893(2008)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.