

Outer Membrane Protein A (ompA) Recombinant Protein | ompA recombinant protein

Recombinant Escherichia Coli Outer Membrane Protein A (ompA)

CATALOG # AAA235631	HOST In Vitro E Coli Expression System
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PRODUCT SYNONYMS

Outer Membrane Protein A (ompA); Recombinant Escherichia Coli Outer Membrane Protein A (ompA); Outer membrane protein II; con; tolG; tut; ompA recombinant protein

PRODUCT SPECIFICATIONS

Host	In Vitro E Coli Expression System
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Tris-Based Buffer, 50% Glycerol
Sequence Positions	22-346aa; Full Length of Mature Protein
Sequence	APKDNTWYTG AKLGWSQYHD TGFINNNGPT HENQLGAGAF GGYQVNPYVG FEMGYDWLGR MPYKGSVENG AYKAQGVQLT AKLGYPITDD LDIYTRLGGM VWRADTKSNV YGKNHDTGVS PVFAGGVEYA ITPEIATRL YQWTNNGDA HTIGTRPDNG MLSLGVSYRF GQGEAAPVVA PAPAPAEVQ TKHFTLKSDV LFNFNKATLK PEGQAALDQL YSQLSNLDPK DGSVVVLGYT DRIGSDAYNQ GLSERRAQSV VDYLSKIGIP ADKISARGMG ESNPVTGNTC DNVKQRAALI DCLAPDRVE IEVKGIKDVV TQPQA
Species	Escherichia coli (strain K12)
Tag	N-terminal 10xHis-tagged
Subcellular Location	Cell Outer Membrane, Multi-Pass Membrane Protein
Protein Families	OmpA family
Production Note	Special Offer: The Cell Free host-expressed protein is manufactured from a stock plasmid containing the protein gene. Cell Freehost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Cell Free host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Cell Free host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and 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 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for ompA recombinant protein	Required for the action of colicins K and L and for the stabilization of mating aggregates in conjugation. Serves as a receptor for a number of T-even like phages. Also acts as a porin with low permeability that allows slow penetration of small solutes.
Product Categories/Family for ompA recombinant protein	Metabolism
References	"Highly accurate genome sequences of Escherichia coli K-12 strains MG1655 and W3110." Hayashi K., Morooka N., Yamamoto Y., Fujita K., Isono K., Choi S., Ohtsubo E., Baba T., Wanner B.L., Mori H., Horiuchi T. Mol. Syst. Biol. 2:E1-E5(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	16128924
NCBI GeneID	945571
NCBI Accession #	NP_415477.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0A910; AYG19944
Molecular Weight	38.0 kDa
NCBI Official Full Name	outer membrane porin A
NCBI Official Symbol	ompA
NCBI Official Synonym Symbols	con; ECK0948; tolG; tut
NCBI Protein Information	outer membrane porin A
UniProt Protein Name	Outer membrane protein A
UniProt Gene Name	ompA
UniProt Synonym Gene Names	con; tolG; tut

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ompA-recombinant-protein-in-vitro-e-coli-expression-system/235631>