

OMP recombinant protein

S. typhi OMP protein

CATALOG # AAA77975	HOST E Coli	APPLICATIONS Lateral Flow
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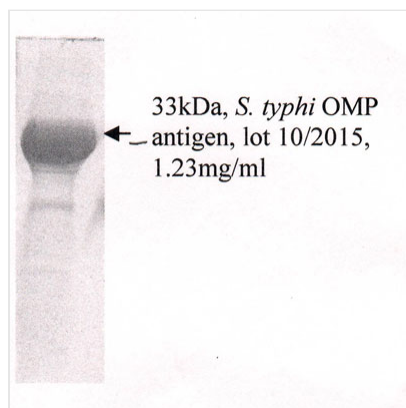
PRODUCT SYNONYMS

OMP; *S. typhi* OMP protein; OMP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% pure (10 % SDS-PAGE Coomassie blue staining).
Form/Format	Purified, Liquid. 10mM Tris-HCl, 1mM EDTA, 50mM arginine
Concentration	1.23mg/ml (lot 10-20/2015) (varies by lot)
Applicable Applications for OMP recombinant protein	IA (Immunoassay), LF (Lateral Flow)
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Upon receipt, aliquot and store at -20 degree C. Avoid repeated freezing/thawing.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for OMP recombinant protein

S. typhi is a common pathogen causing typhoid fever, it affects more than 17 million people with nearly 600,000 deaths annually in the world; untreated typhoid fever cases result in mortality rates ranging from 12-30%. *S. typhi* outer membrane protein is an important immunogen to react to specific IgM and IgG from infected patient, it is also a potential target for vaccine development.

This recombinant *S. typhi* OMP has 315 amino acids with 33kDa molecular size, a 6 x his tag is fused at its C-terminus. In house prepared lateral flow test, *S. typhi* IgG and IgM can be detected when OMP with LPS conjugated together to colloid gold at pH 9 to 9.5. It can also be used for other tests such as ELISA to test specific *S. typhi* IgG and IgM.

Product Categories/Family for OMP
recombinant protein

Salmonella bactria

NCBI AND UNIPROT INFORMATION

Molecular Weight

33kDa

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/omp-recombinant-protein-e-coli-ia-immunoassay-lf-lateral-flow/77975>