

OMP recombinant protein

Recombinant antigen OMP for Salmonella typhi

CATALOG #
AAA72864

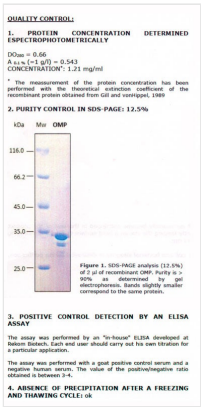
APPLICATIONS
ELISA

PRODUCT SYNONYMS

OMP; Recombinant antigen OMP for Salmonella typhi; OMP recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	>90% in a SDS-PAGE
Form/Format	Dry powder (lyophilized)
Sequence Length	136
Applicable Applications for OMP recombinant protein	ELISA
Source	Escherichia coli
Recombinant Antigen	outer membrane channel protein TolC (OMP50) of Salmonella typhi (Parkhill et al., 2001)
Molecular Weight	determined by SDS-PAGE, the protein band is between molecular markers of 35,000- 25,000 Da, while relative molecular mass calculated from amino acid sequence is 32,080.30 Da .
his-OMP	recombinant antigen with a his-tag in its N-terminus
Total Quantity Per Aliquot	0.5 mg
Observation	proteins should be maintained frozen at high concentrations. The dilution to be performed for EUSA assays should be made with a small quantity of protein, the same day of the experiment. Once reconstituted and in order to defrost the protein, maintain the aliquot at 2SOC without shaking to avoid aggregation. Prior making test dilutions and after defrost the protein, is recommended to remove possible protein aggregates by centrifuging the stock solution, avoiding alterations in the immobilization of the biomolecule to the solid surface.
Reconstitution	For lyophilized proteins: with 0.04 ml of sterile double-distilled water (lot specific) for a final concentration of 1.59 mg/ml (lot specific). The protein will be at pH 8.
Preparation and Storage	Lyophilized protein is shipped with on ice packs. Upon arrival, it should be stored at 20 degree C to -80 degree C. Aliquot after reconstitution in order to avoid repeated freezing and thawing cycles and store at 20 degree C to -80 degree C.



Quality Control

ADDITIONAL INFORMATION

Related Product Information for OMP recombinant protein	some of the antigenic regions of Salmonella typhi antigen OMP has been prepared as a recombinant antigen fused to a his-tag in its N-terminus.
Product Categories/Family for OMP recombinant protein	BACTERIA

NCBI AND UNIPROT INFORMATION

NCBI GI #	958317100
Molecular Weight	15,896 Da
NCBI Official Full Name	OMP, partial
UniProt Protein Name	OMP
UniProt Gene Name	OMP

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.