

Recombinant Salmonella Typhi STY0556 protein, His-tagged

Cat. No. STY0556-260S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant S.Typhi OMP produced in E.coli is a non-glycosylated polypeptide chain having a molecular mass of 52kDa and fused to a His tag at N-terminus.
Species	Salmonella Typhi
Source	E.coli
Description	Salmonella Typhi is a pathogen causing typhoid fever, affecting over 17 million people with approximately 600,000 deaths annually worldwide. If untreated, typhoid fever cases result in mortality rates ranging from 12-30%.
Form	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from 1mg/ml in 20mM sodium carbonate pH-10.
Molecular Mass	52kDa
Purity	Greater than 95.0% as determined by SDS-PAGE.
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Stability	S.Typhi OMP although stable at room temperature for 4 weeks, should be stored below -18°C. Please prevent freeze thaw cycles.

 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

Solubility

It is recommended to reconstitute the lyophilized S.Typhi OMP in sterile 18M-cm H₂O not less than 100g/ml, which can then be further diluted to other aqueous solutions.

GENE INFORMATION**Gene Name**

STY0556 outer membrane protein [*Salmonella enterica* subsp. *enterica* serovar Typhi str. CT18]

Official Symbol

STY0556

Synonyms

STY0556; outer membrane protein;

Gene ID

1247026

Protein Refseq

NP_455104.1

UniProt ID

Q8Z8R7

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