

## Recombinant Salmonella Typhi STY0556 protein, His-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | 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.                                                                     |
| <b>Species</b>          | Salmonella Typhi                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                        |
| <b>Description</b>      | 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%. |
| <b>Form</b>             | Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from 1mg/ml in 20mM sodium carbonate pH-10.                                                                                                             |
| <b>Molecular Mass</b>   | 52kDa                                                                                                                                                                                                                         |
| <b>Purity</b>           | Greater than 95.0% as determined by SDS-PAGE.                                                                                                                                                                                 |
| <b>Usage</b>            | 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.                                                       |
| <b>Stability</b>        | S.Typhi OMP although stable at room temperature for 4 weeks, should be stored below -18°C. Please prevent freeze thaw cycles.                                                                                                 |

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**Solubility**

It is recommended to reconstitute the lyophilized S.Typhi OMP in sterile 18M-cm H<sub>2</sub>O 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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