

Recombinant Salmonella Typhi STHE protein, His-tagged

Cat. No. STHE-258S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant S.Typhi HylE produced in E.coli is a non-glycosylated polypeptide chain having a molecular mass of 34kDa 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-9.6.
Molecular Mass	34kDa
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 HylE 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 Hyle in sterile 18M-cm H₂O not less than 100g/ml, which can then be further diluted to other aqueous solutions.

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