

Recombinant Enterobacteria Phage 933W STXB2 Protein (20-89 aa), His-tagged

Cat. No. STXB2-1611E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Enterobacteria Phage 933W (Bacteriophage 933W) STXB2 Protein (20-89 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Enterobacteria Phage 933W
Source	Yeast
ProteinLength	20-89 aa
Description	The B subunit is responsible for the binding of the holotoxin to specific receptors on the target cell surface, such as globotriaosylceramide (Gb3) in human intestinal microvilli.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	9.8 kDa
AA Sequence	ADCAKGKIEFSKYNEDDTFTVKVDGKEYWTSRWNLQPLLQSAQLTGMTVTIKSSTC ESGSGFAEVQFNND
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name

stxB2 Shiga toxin 2 subunit B [Enterobacteria phage 933W]

Official Symbol

STXB2

Synonyms

L0104; stlIIB; stx2B;

Gene ID

1262010

Protein Refseq

NP_049501

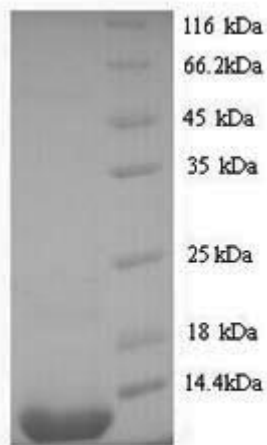
UniProt ID

P09386

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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