

# Recombinant Enterobacteria phage 933W Shiga-like toxin 2 subunit B

Catalog No: #AP72964

Package Size: #AP72964-1 20ug #AP72964-2 100ug #AP72964-3 1mg

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## Description

Product Name	Recombinant Enterobacteria phage 933W Shiga-like toxin 2 subunit B
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:20-89aaSequence Info:Full Length of Mature Protein
Other Names	Verocytotoxin 2 subunit B ;Verotoxin 2 subunit B
Accession No.	P09386
Uniprot	P09386
GeneID	1262010;
Calculated MW	9.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	ADCAKGKIEFSKYNEDDTFTVKVDGKEYWTSRWNLQPLLQSAQLTGMTVTIKSSTCESGSGFAEVQFNND
Formulation	Tris-based buffer50% glycerol
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.</p>

## Background

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.

## References

Nucleotide sequence analysis and comparison of the structural genes for Shiga-like toxin I and Shiga-like toxin II encoded by bacteriophages from Escherichia coli 933.Jackson M.P., Neill R.J., O'Brien A.D., Holmes R.K., Newland J.W.FEMS Microbiol. Lett. 44:109-114(1987)Research Topic:Others

Note: This product is for in vitro research use only