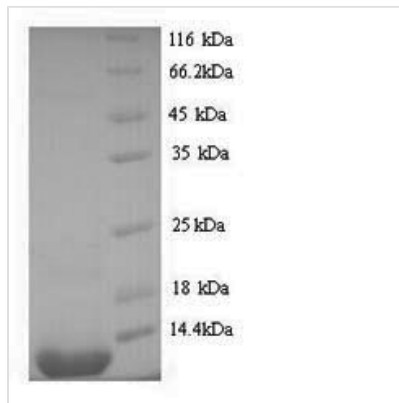




Recombinant Enterobacteria phage 933W Shiga-like toxin 2 subunit B (stxB2)

Product Code	CSB-YP357663ECC
Relevance	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.
Abbreviation	Recombinant Enterobacteria phage 933W stxB2 protein
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P09386
Alias	Verocytotoxin 2 subunit B ;Verotoxin 2 subunit B
Product Type	Recombinant Protein
Immunogen Species	Enterobacteria phage 933W (Bacteriophage 933W)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ADCAKGKIEFSKYNEDDTFTVKVDGKEYWTSRWNLQPLLQSAQLTGMTVTIKS STCESGSGFAEVQFNND
Research Area	Others
Source	Yeast
Target Names	stxB2
Protein Names	Recommended name: Shiga-like toxin 2 subunit B Short name= SLT-2 B subunit Short name= SLT-2b Short name= SLT-IIb Alternative name(s): Verocytotoxin 2 subunit B Short name= Verotoxin 2 subunit B
Expression Region	20-89aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	9.8kDa
Protein Length	Full Length of Mature Protein
Image	



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

Description

Discover the exceptional quality of Recombinant Enterobacteria phage 933W stxB2, designed to support your research in bacteriophage studies and beyond. This protein is the Shiga-like toxin 2 subunit B (SLT-2 B subunit; SLT-2b; SLT-IIb), sourced from the Enterobacteria phage 933W, and expressed in yeast. With an expression region encompassing 20-89aa, this recombinant protein represents the full length of the mature protein.

Equipped with an N-terminal 6xHis-tag, the Recombinant Enterobacteria phage 933W stxB2 facilitates easy detection and purification. Its purity exceeds 90% as determined by SDS-PAGE, and it is supplied as a lyophilized powder. Rely on this meticulously crafted protein to bolster your research pursuits.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.