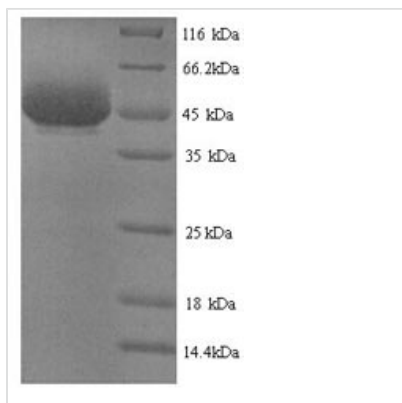




Recombinant *Vibrio cholerae* serotype O1 Zona occludens toxin (zot)

Product Code	CSB-YP334425VEX
Relevance	Increases the permeability of the small intestine mucosa by affecting the structure of intercellular tight junctions (zonula occludens).
Abbreviation	Recombinant <i>Vibrio cholerae</i> serotype O1 zot 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.	P38442
Alias	Zonular occludens toxin ;Zot
Product Type	Recombinant Protein
Immunogen Species	<i>Vibrio cholerae</i> serotype O1 (strain ATCC 39315 / El Tor Inaba N16961)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MSIFIHHGAPGSYKTS GALWLRLLPAIKSGRHIITNVRGLNLERMAKYLKMDVS DISIEFIDTDHPDGR LTMARFWHWARKDAFLFIDECGR IWPPRLTVTNLKALDT PPDLVAEDRPESFEVAFDMHRHHGWDICLTTPNIAKVHNMIREAAEIGYRHFN RATVGLGAKFTLTTHDAANSQGMDSHALTRQVKKIPSPIFKMYASTTTGKARD TMAGTALWKDRKILFLFGMVFLMFSYSFYGLHDNPFTGGNDATIESEQSEPQ SKATVGNAVGS KAVAPASFGFCIGRLCVQDGFVTVGDER YRLVDNLDIPYRGL WATGHHIYKDTLTVFFETESGSVPTELFASSYRYKVLPLPDFNHFVVFDTFAAQ ALWVEVKRGLPIKTENDKKGLNSIF
Research Area	Others
Source	Yeast
Target Names	zot
Protein Names	Recommended name: Zona occludens toxin Alternative name(s): Zonular occludens toxin Short name= Zot
Expression Region	1-399aa
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	46.9kDa
Protein Length	Full Length
Image	



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

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.