

Recombinant Vibrio Cholerae Serotype O1 ZOT Protein (1-399 aa), His-tagged

Cat. No. ZOT-1590V **Lot. No.** (See product label)

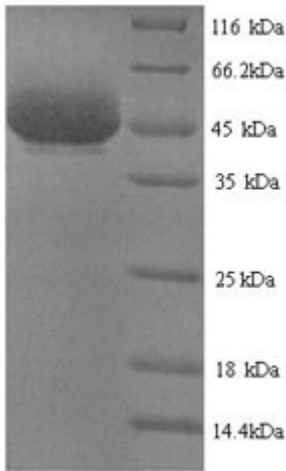
SPECIFICATION

Product Overview	Recombinant Vibrio Cholerae Serotype O1 (strain ATCC 39315/El Tor Inaba N16961) ZOT Protein (1-399 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Vibrio Cholerae Serotype O1
Source	Yeast
ProteinLength	1-399 aa
Description	Increases the permeability of the small intestine mucosa by affecting the structure of intercellular tight junctions (zonula occludens).
Form	Tris-based buffer, 50% glycerol
Molecular Mass	46.9 kDa
AA Sequence	MSIFIHHGAPGSYKTSGALWLRLLPAIKSGRHIITNVRGLNLERMAKYLKMDVSDISIE FIDTDHPDGRLTMARFWHWARKDAFLFIDECGRWPPRLTVTNLKALDTPPDVAED RPESFEVAFDMHRHHGWDICLTTPNIAKVHNMIREAAEIGYRHFNRATVGLGAKFTL TTHDAANSQGMDSHALTRQVKKIPSPIFKMYASTTTGKARDTMAGTALWKDRKILFL FGMVFLMFSYSFYGLHDNPFTGGNDATIESEQSEPQSKATVGNAVGSKAVAPASF GFCIGRLCVQDGFVTVGDERYRLVDNLDIPYRGLWATGHIIYKDTLTVFFETESGSV PTELFASSYRYKVLPLPDFNHFVVFDTFAAQAQALWVEVKRGLPIKTENDKKGLNSIF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 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	
Synonyms	zot; Zonular occludens toxin; Zot;
UniProt ID	P38442
	

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA