

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

Cat. No. ZOT-2171V **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 E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal. Protein Description: Full Length.
Species	Vibrio Cholerae Serotype O1
Source	E.coli
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	48.4 kDa
AA Sequence	MSIFIHHGAPGSYKTSGALWLRLPAIKSGRHIITNVRGLNLERMAKYLKMDVSDISIE FIDTDHPDGRLTMARFWHWARKDAFLFIDECGRIWPPRLTVTNLKALDTPPDLVAED RPESFEVAFDMHRHHGWDICLTTPNIAKVHNMIREAAEIGYRHFNRATVGLGAKFTL TTHDAANSQGMDSHALTRQVKKIPSPIFKMYASTTTGKARDTMAGTALWKDRKILFL FGMVFLMFSYSFYGLHDNPIFTGGNDATIESEQSEPQSKATVGNAVGSKAVAPASF GFCIGRLCVQDGFVTVGDERYRLVDNLDIPYRGLWATGHIIYKDTLTVFFETESGSV PTELFASSYRYKVLPLPDFNHFVVFDTFAAQAQALWVEVKRGLPIKTENDKKGLNSIF

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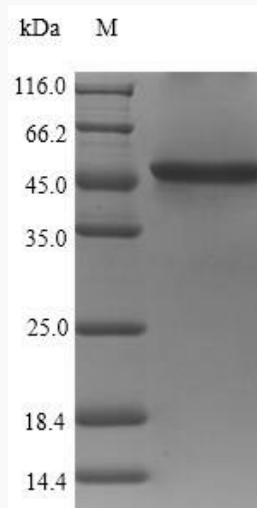
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage 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 Short name: Zot;
UniProt ID	P38442



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

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