

Recombinant Escherichia coli Heat-labile enterotoxin B chain(eltB)

Catalog No: #AP70980

Package Size: #AP70980-1 20ug #AP70980-2 100ug #AP70980-3 1mg

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Description

Product Name	Recombinant Escherichia coli Heat-labile enterotoxin B chain(eltB)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:22-124aaSequence Info:Full Length
Other Names	LT-B, human;LTH-B
Accession No.	P0CK94
Calculated MW	15.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	APQSITELCSEYHNTQIYTINDKILSYTESMAGKREMVIIITFKSGATFQVEVPGSQHIDSQKKAIERMKDTRLRITYL TETKIDKLCVWNNKTPNSIAAISMEN
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

The biological activity of the toxin is produced by the A chain, which activates intracellular adenyl cyclase.

References

Crystal structure of the B subunit of Escherichia coli heat-labile enterotoxin carrying peptides with anti-herpes simplex virus type 1 activity.Matkovic-Calogovic D., Loregian A., D'Acunto M.R., Battistutta R., Tossi A., Palu G., Zanotti G.J. Biol. Chem. 274:8764-8769(1999) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.