

Recombinant Staphylococcus aureus Exfoliative toxin A(eta)

Catalog No: #AP71126

Package Size: #AP71126-1 20ug #AP71126-2 100ug #AP71126-3 1mg

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Description

Product Name	Recombinant Staphylococcus aureus Exfoliative toxin A(eta)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:39-280aaSequence Info:Full Length
Other Names	Epidermolytic toxin A
Accession No.	P09331
Calculated MW	30.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	EVSAEEIKKHEEKWNKYGVNAFNLPKELFSKVDEKDRQKYPYNTIGNVFVKGQTSATGVLIGKNTVLTNRHIA KFANGDPSKVSFRPSINTDDNGNTETPYGEYEVKEILQEPFGAGVDLALIRLKPQNGVSLGDKISPAKIGTSN DLKDGDKLELIGYPFDHKVNQMHRSEIELTTLRGLRYYGFTVPGNSGSGIFNSNGELVGIHSSKVSHLDREH QINYGVGIGNYVKRIINEKNE
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

Has serine protease-like properties and binds to the skin protein profilaggrin. Cleaves substrates after acidic residues. Exfoliative toxins cause impetigous diseases commonly referred as staphylococcal scalded skin syndrome (SSSS).

References

Sequence determination and comparison of the exfoliative toxin A and toxin B genes from Staphylococcus aureus.Lee C.Y., Schmidt J.J., Johnson-Winegar A.D., Spero L., Iandolo J.J.J. Bacteriol. 169:3904-3909(1987)Research Topic:Others

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