

Recombinant Human Elafin(PI3)

Catalog No: #AP70633

Package Size: #AP70633-1 20ug #AP70633-2 100ug #AP70633-3 1mg

Description

Product Name	Recombinant Human Elafin(PI3)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:61-117aaSequence Info:Full Length
Other Names	Elastase-specific inhibitor ;ESI Peptidase inhibitor 3 ;PI-3; Protease inhibitor WAP3 Skin-derived antileukoproteinase ;SKALPWAP four-disulfide core domain protein 14
Accession No.	P19957
Calculated MW	22 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	AQEPVKGPVSTKPGSCPIILRCAMLNPPNRCLKDTCPGIKKCEGSCGMACFVPQ
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

Neutrophil and pancreatic elastase-specific inhibitor of skin. It may prevent elastase-mediated tissue proteolysis.

References

Primary structure of the human elafin precursor preproelafin deduced from the nucleotide sequence of its gene and the presence of unique repetitive sequences in the prosegment.Saheki T., Ito F., Hagiwara H., Saito Y., Kuroki J., Tachibana S., Hirose S.Biochem. Biophys. Res. Commun. 185:240-245(1992)Research Topic:Signal Transduction

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