



PI3, 23-117aa, Human, His tag, Insect cell

Cat.NO.: TP03403

3th Edition

Synonyms:Elafin , ESI, SKALP, WAP3, WFDC14

Description:PI3, also known as elafin or peptidase inhibitor 3, is neutrophil and pancreatic elastase-specific inhibitor of skin. It may prevent elastase-mediated tissue proteolysis. Recombinant human PI3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In phosphate buffered saline (pH7.4), 10% glycerol.

Molecular Weight:10.7kDa (101aa) confirmed by MALDI-TOF. 8.5-13.5kDa (SDS-PAGE under reducing conditions.)

Sequences:

AVTGVPVKGQDTVKGRVPFNGQDPVKGQVSVKGQDKVKAQEPVKGPVSTKPGSCPIILIRCAMLNPPNRCLKDTD
CPGIKKCEGSCGMACFVPQHSHHHH

Purity:> 95% by HPLC

Concentration:0.2mg/ml (determined by BCA)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.