9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

PI3 Human

Peptidase Inhibitor 3 Human Recombinant
RCP1650

Product Overview

Name	PI3 Human
Description	
Peptidase Inhibitor 3 Human Recombinant	
Accession (Primary)	P19957
Synonyms	
Peptidase Inhibitor 3 Skin-Derived, Skin-Derived Antileukoproteinase, Protease Inhibitor 3 Skin-Derived (SKALP), WAP Four-Disulfide Core Domain Protein 14, WAP Four-Disulfide Core Domain 14, Elastase-Specific Inhibitor, Protease Inhibitor WAP3, ESI, trappin-2, cementoin, WFDC14, WAP3, elafin, pre-elafin, SKALP, Peptidase Inhibitor 3.	
Introduction	
PI3 is an elastase-specific protease inhibitor, which contains a WAP-type four-disulfide core (WFDC) domain, and is thus a member of the WFDC domain family. Most WFDC gene members are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. PI3 belongs to the centromeric cluster.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The PI3 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 80% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS AVTGVPV KGQDTVKGRV PFNGQDPVKG QVSVKGQDKV KAQEPVKGPV STKPGSCPII LIRCAMLNPP NRCLKDTDCP GIKKCCEGSC GMACFVPQ	
Precautions	
PI3 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P19957)