

Peptidase Inhibitor 3 Human Recombinant

Item Number	rAP-4005
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, trapp
Description	PI3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 118 amino acids (23-117) and having a molecular mass of 12.0kDa.PI3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P19957
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSVAVTGVPV KGQDTVKGRV PFNGQDPVKG QVSVKGQDKV KAQEPVKGPV STKPGSCPII LIRCAMLNPP NRCLKDTCDF GIKKCCEGSC GMACFVPQ
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The PI3 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol. Greater than 80% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**