

## 32-4454: Recombinant Human Peptidase Inhibitor 3

### Alternative Name :

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,

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

#### Amount :

10 µg

#### Purification :

Greater than 80% as determined by SDS-PAGE.

#### Content :

The PI3 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.

#### Storage condition :

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.

#### Amino Acid :

MGSSHHHHHH SSGLVPRGSH MGSVTVGPV KGQDTVKG RV PFNGQDPVKG QVSVKGQDKV  
KAQEPVKG PV STKPGSCPII LIRCAMLNPP NRCLKDTDCP GIKKCEGSC GMACFVPQ

