

32-13362: PI3 Human, Sf9

Alternative Name : Elafin, ESI, SKALP, WAP3, WFDC14.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Peptidase Inhibitor 3, also referred to PI3, is neutrophil and pancreatic elastase-specific inhibitor of skin. The protein may prevent elastase mediated tissue proteolysis. PI3 has shown inhibition of alpha-4-beta-2/CHRNA2-CHRNA2 nicotinic acetylcholine receptor, a weak inhibition on Kv11.1/KCNH2/ERG1 and on the transient receptor potential cation channel subfamily V member 1.

PI3 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 101 amino acids (23-117a.a) and having a molecular mass of 10.7kDa.PI3 is fused to an 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : The PI3 solution (0.2mg/ml) contains Phosphate-Buffered Saline (pH 7.4) 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 : AVTGVPVKGQ DTVKGRVPFN GQDPVKGQVS VKGQDKVKAQ EPVKGPVSTK PGSCPIILIR CAMLNPPNRC LKDTDCPGIK KCCEGSCGMA CFVPQH HHHHH H