

Proprotein Convertase Subtilisin/Kexin Type 1 Inhibitor Human Recom-

Item Number	rAP-4585
Synonyms	ProSAAS precursor, Proprotein convertase subtilisin/kexin type 1 inhibitor, PROSAAS; SAAS, PCSK1N.
Description	PCSK1N Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 251 amino acids (34-260) and having a molecular mass of 26.6 kDa. PCSK1N is fused to a 24 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9UHG2
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMARPVKE PRGLSAASPP LAETGAPRRF RRSVPRGEAA GAVQELARAL AHLLEAERQE RARAEAEAE DQARVLAQL LRVWGAPRNS DPALGLDDDP DAPAAQLARA LLRARLDPAA LAAQLVPAPV PAAALRPRPP VYDDGPAGPD AEEAGDETPD VDPELL- RYLL GRILAGSADS EGVAAPRRLR RAADHDVGSE LPPEGVLGAL LRVKRLETPA PQVPARRLLP P.
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 PCSK1N solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 85.0% 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**