

Furin Human Recombinant

Item Number	rAP-4274
Synonyms	Furin (Paired Basic Amino Acid Cleaving Enzyme), PCSK3, PACE, FUR, Paired Basic Amino Acid Residue-Cleaving Enzyme, EC 3.4.21.75, Paired Basic Amino Acid Cleaving
Description	FURIN Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 645 amino acids (108-715 a.a) and having a molecular mass of 69.8kDa.
Uniprot Accession Number	P09958
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMDVY QEPTDPKFPQ QWYLSGVTQR DLNVKAAWAQ GYTGHGIVVS ILDDGIEKNH PDLAGNYDPG ASFDVNDQDP DPQPRYTQMN DNRHGTRCAG EVAAVANNGV CGVGVAYNAR IGGVRMLDGE VTDAVEARSL GLNPNHIHY SASWGPEDDG KTVDGPARLA EEAFFRGVSQ GRGGLG-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	FURIN protein solution (1mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol. 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**