

FURIN recombinant protein

Furin, 108-715aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48885	HOST E Coli	APPLICATIONS SDS-Page
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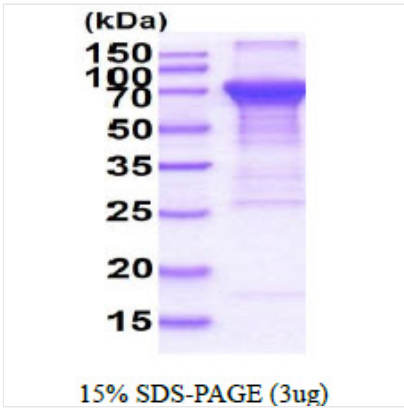
PRODUCT SYNONYMS

Furin; 108-715aa; Human; His tag; E Coli (Denatured); FuR; PACE; PCSK3; SPC1; FURIN recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid, In 20mM Tris-HCl (pH 8.0) containing 10% glycerol
Concentration	1mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMDVY QEPTDPKFPQ QWYLSGVTQR DLNVKAAWAQ GYTGHGIVVS ILDDGIEKNH PDLAGNYDPG ASFDVNDQDP DPQPRYTQMN DNRHGTRCAG EVAAVANNGV CGVGVAYNAR IGGVRMLDGE VTDAVEARSL GLNPNHHIY SASWGPEDDG KTVDGPARLA EEAFFRGVSQ GRGGLGSIFV WASGNGGREH DSCNCDGYTN SIYTLSSISA TQFGNVPWYS EACSSTLATT YSSGNQNEKQ IVTTDLRQKC TESHTGTSAS APLAAGIAL TLEANKL TW RDMQHLVVQT SKPAHLNAND WATNGVGRKV SHSYGYGLLD AGAMVALAQN WTTVAPQRKC IIDILTEPKD IGRLEVRKT VTACLGEPNH ITRLEHAQAR LTL SYNRRGD LAIHLVSPMG TRSTLLARP HDYSADGFND WAFMTTHSWD EDPSGEWVLE IENTSEANNY GTLT KFTLV L YGTAPEGLPV PPESGCKTL TSSQACVVCE EGFSLHQKSC VQHCPPGFAP QVLDTHYTE NDVETIRASV CAPCHASCAT CQGPALTDCL SCPSHASLDP VEQTC SRQSQ SSRESPPQQQ PPRLPPEVEA GQRLRAGLLP SHLPE
Sequence Length	794
Applicable Applications for FURIN recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Domain	108-715aa
Preparation and Storage	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C or -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE
3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for FURIN recombinant protein	Furin is likely to represent the ubiquitous endoprotease activity within constitutive secretory pathways and capable of cleavage at the RX (K/R) R consensus motif. Recombinant human Furin, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for FURIN recombinant protein	Metabolism
References	Tse LV., et al. (2014) J. Virol. 88 (3), 1673-1683

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505579
NCBI GeneID	5045
NCBI Accession #	NP_002560
NCBI GenBank Nucleotide #	NM_002569.3
UniProt Accession #	P09958; Q14336; Q6LBS3; Q9UCZ5
Molecular Weight	69.8kDa (645aa)
NCBI Official Full Name	furin preproprotein
NCBI Official Synonym Full Names	furin, paired basic amino acid cleaving enzyme
NCBI Official Symbol	FURIN
NCBI Official Synonym Symbols	FUR; PACE; SPC1; PCSK3
NCBI Protein Information	furin
UniProt Protein Name	Furin
UniProt Gene Name	FURIN
UniProt Synonym Gene Names	FUR; PACE; PCSK3; PACE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.