

Product information

Furin_{108-715aa}

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP3028

Full name: Furin

NCBI Accession No.: NP_002560

Synonyms: FUR, PACE, PCSK3, SPC1

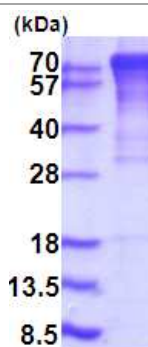
Description: Furin is likely to represent the ubiquitous endoprotease activity within constitutive secretory pathways and capable of cleavage at the RX (K/R) R consensus motif. Recombinant human Furin, fused to His-tag at N-terminus, was expressed in *E.coli*.

Form: Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

Molecular Weight: 69.8kDa (645aa)

Purity: > 85% by SDS - PAGE

Concentration: 1mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMDVY QEPTDPKFPQ QWYLSGVTQR DLNVKAAWAQ GYTGHGIVVS ILDDGIEKNH
PDLAGNYDPG ASFDVNDQDP DPQPRYTQMN DNRHGTRCAG EVAAVANNGV CGVGVAYNAR IGGVRMLDGE VTDAVEARSL GLNPNHIHIY
SASWGPEDDG KTVDPGARLA EEAFFRGVSQ GRGGLGSIFV WASNGGREGH DSCNCDGYTN SIYTLSSISA TQFGNVPWYS EACSSTLATT
YSSGNQNEKQ IVTTDLRQKC TESHTGTSAS APLAAGI IAL TLEANKNLTW RDMQHLVVQT SKPAHLNAND WATNGVGRKV SHSYGYGLLD
AGAMVALAQN WTTVAPQRKC I I D I L T E P K D I G K R L E V R K T V T A C L G E P N H I T R L E H A Q A R L T L S Y N R R G D L A I H L V S P M G T R S T L L A A R P
HDYSADGFND WAFMTTHSWD EOPSGEWWLE IENTSEANNY GTLTKFTLV L YGTAPGLPV PPESGCKTL TSSQACVCE EGFSLHQKSC
VQHCPPGFAP QVLDTHYSTE NOVETIRASV CAPCHASCAT CQGPALTDCL SCPSHASLDP VEQTCSRQSQ SSRESPPQQQ PPRLPPEVEA
GQRLRAGLLP SHLPE

General references:

Tse LV., *et al.* (2014) *J. Virol.* 88 (3), 1673-1683

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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