

Furin, 108-715aa, Human, His tag, E.coli

Cat.NO.: TP02163

3th Edition

Synonyms:Furin, 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)

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMDVYQEPTDPKFPQQWYLSGVTQRDLNVKAAWAQ
GYTGHGIVVSILDDGIEKNHPDLAGNYDPGASFDVNDQDPDPQPRYTQMNDNRHGTRCAGEVAAVANNGVCGVG
VAYNARIGGVRMLDGEVTDAVEARSLGLNPNHHIYSASWGPEDDGKTVDGPARLAEAEAFFRGVVSQGRGGLGSIF
VWASNGGREHDSCNCDGYTNSIYTLSSSATQFGNVPWYSEACSSTLATTYSSGNQNEKQIVTTDLRQKCTESH
TGTSASAPLAAGIALTLEANKNLTWRDMQHLVVQTSKPAHLNANDWATNGVGRKVSHSYGYGLLDAGAMVALAQ
NWTTVAPQRKCIIDILTEPKDIGKRLEVRKTVTACLGEPNHITRLEHAQARLTLNRRGDLAIHLVSPMGTRSTLLAA
RPHDYSADGFNDWAFMTTHSWDEDPSGEWVLEIENTSEANNYGTLTKFTLVLYGTAPEGLPVPPESSGCKTLTSS
QACVVCEEGLFSLHQKSCVQHCPPGFAPQVLDTHYSTENDVETIRASVCAPCHASCATCQGPALTDCLSCPSHASL
DPVEQTCSRQSQSSRESPPQQPPRLPPEVEAGQRLRAGLLPSHLPE

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.