

Recombinant Full Length Rat Furin(Furin) Protein, His-Tagged

Cat. No. RFL14576RF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Rat Furin(Furin) Protein (P23377) (108-793aa), fused to N-terminal His tag, was expressed in E. coli.

Species Rat

Source E.coli

ProteinLength Full Length of Mature Protein (108-793)

Form Lyophilized powder

AA Sequence

DVYQEPTDPKFPQQWYLSGVTQRDLNVKEAWAQGFTGRGIVVSILDDGIEKNHPDL
 AGNY DPGASFDVNDQDPDPQPRYTQMNDNRHGTRCAGEVA AVANNGVCGVGVA
 YNARIGGVRML DGEVTD AVEARSLGLNPNHIHIYSASWGPEDDGKTV DGPARLAE
 AFFRGVSQGRGGLGS IFVWASGNNGREHDSCNCDGYTNSIYTLSSSATQFGNVP
 WYSEACSSTLATTYSSGNQN EKQIVTTDLRQKCTESHTGTSASAPLAAGIIALTLEA
 NKNLTWRDMQHLVVQTSKPAHLN ANDWATNGVGRKVS HSYGYGLLDAGAMVALA
 QNWTTVAPQRKCIIEILAEPKDIGKRLEV RKTVTACLGEPNHISRLEHVQARLTLSYN
 RRGDLAIHLISPMGTRSTLLAARPHDYSADG FNDWAFMTTHSWDEDPSGEWVLEIE
 NTSEANNYGT LTKFTLVLYGTASEGLSAPPESSGC KTLTSSQACVVCEE GFS LHQK
 SCVQRCPPGFTPQVLDTHYSTENDVEIIRASVCTPCHAS CATCQGPAPTDCLSCPS
 HASLDPVEQTCSRQSQSSRESRPQQPPPALRPEVEVEPRLRAG LASHLPEVLAGL
 SCLIALIFGIVFLFLHRCSGFSFRGVK VYTM DRGLISYKGLPPEAWQ EECPSDSEED
 EGRGERTAFIKDQSAL

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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Furin
Synonyms	Furin; Fur; Pcsk3; Furin; Dibasic-processing enzyme; Paired basic amino acid residue-cleaving enzyme; PACE; Prohormone convertase 3
UniProt ID	P23377

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