

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

Cat. No. RFL17360HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human Furin(FURIN) Protein (P09958) (108-794aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Human

Source

E.coli

ProteinLength

Full Length of Mature Protein (108-794)

Form

Lyophilized powder

AA Sequence

DVYQEPTDPKFPQQWYLSGVTQRDLNVKAAWAQGYTGHGIVVSILDDGIEKNHPDL
 AGNY DPGASFDVNDQDPDPQPRYTQMNDNRHGTRCAGEVAAVANNGVCGVGVA
 YNARIGGVRML DGEVTDAVEARSLGLNPNHIHIYSASWGPEDDGKTVDGPARLAE
 AFFRGVSQGRGGLGS IFVWASGNNGREHDSCNCDGYTNSIYTLSSSATQFGNVP
 WYSEACSSTLATTYSSGNQN EKQIVTTDLRQKCTESHTGTSASAPLAAGIIALTLEA
 NKNLTWRDMQHLVVQTSKPAHLN ANDWATNGVGRKVSHSYGYLLDAGAMVALA
 QNWTTVAPQRKCIIDILTEPKDIGKRLEV RKTVTACLGEPNHITRLEHAQARLTLSYN
 RRGDLAIHLVSPMGTRSTLLAARPHDYSADG FNDWAFMTTHSWDEDPSGEWVLEI
 ENTSEANNYGTLTKFTLVLYGTAPEGLPVPPESSGC KTLTSSQACVVCEEFGSLHQ
 KSCVQHCPPGFAPQVLDTHYSTENDVETIRASVCAPCHAS CATCQGPALTDCLSCP
 SHASLDPVEQTCSRQSQSSRESPPQQQPRLPPEVEAGQRLRAG LLPSHLPEVVA
 GLSCAFIVLVFVTVFLVLQLRSGFSFRGVKVTMDRGLISYKGLPPEAW QEECPSDS

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	EEDEGRGERTAFIKDQSAL
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; PACE; PCSK3; Furin; Dibasic-processing enzyme; Paired basic amino acid residue-cleaving enzyme; PACE
UniProt ID	P09958

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