Recombinant Human FURIN Protein Product Manual

1. Product Basic Information

Product No.: REP06938

Protein Name: Fes Upstream Region (FURIN)

Aliases: FUR; PACE; SPC1; PCSK3; furin; FES upstream region; dibasic processing enzyme; paired basic amino acid residue-cleaving enzyme

UniProt ID: P09958

UniProt Link: https://www.uniprot.org/uniprotkb/P09958/entry

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (27-574aa)

Molecular Weight: 61.6 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (27-574aa)

QKVFTNTWAVRIPGGPAVANSVARKHGFLNLGQIFGDYYHFWHRGVTKRSLSPHR
PRHSRLQREPQVQWLEQQVAKRRTKRDVYQEPTDPKFPQQWYLSGVTQRDLNVK
AAWAQGYTGHGIVVSILDDGIEKNHPDLAGNYDPGASFDVNDQDPDPQPRYTQMN
DNRHGTRCAGEVAAVANNGVCGVGVAYNARIGGVRMLDGEVTDAVEARSLGLNP
NHIHIYSASWGPEDDGKTVDGPARLAEEAFFRGVSQGRGGLGSIFVWASGNGGRE
HDSCNCDGYTNSIYTLSISSATQFGNVPWYSEACSSTLATTYSSGNQNEKQIVTTDL
RQKCTESHTGTSASAPLAAGIIALTLEANKNLTWRDMQHLVVQTSKPAHLNANDWA
TNGVGRKVSHSYGYGLLDAGAMVALAQNWTTVAPQRKCIIDILTEPKDIGKRLEVRK
TVTACLGEPNHITRLEHAQARLTLSYNRRGDLAIHLVSPMGTRSTLLAARPHDYSAD
GFNDWAFMTTHSWDEDPSGEWVLEIENTSEANNYGTLTKFTLVLYGTA

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based

buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human FURIN partial protein (27-574aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. FURIN, also known as FUR or PACE or SPC1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.