

Recombinant Human SPIRE1 Protein Product Manual

1. Product Basic Information

Product No.: REP08321

Protein Name: Spire Homolog Protein Spire Homolog Spire Actin Nucleation Factor Spire Type Actin Nucleation Factor Spire Family Actin Nucleation Factor 1 (SPIRE1)

Aliases: spire homolog protein spire homolog spire actin nucleation factor spire type actin nucleation factor spire family actin nucleation factor 1

UniProt ID: Q08AE8

UniProt Link: <https://www.uniprot.org/uniprotkb/Q08AE8/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: Full Length of Mature Protein (2-756)

Molecular Weight:

Protein Tag: Tag type will be determined during the manufacturing process. The tag type will be determined during production process. If you have specified tag type, please tell us and we will develop the specified tag preferentially.

2. Amino Acid Sequence (2-756)

AQAAGPAGGGEP RTEAVGGEGPREPGAAGGAAGGSRDALSLEEILRLYNQPINEE
QAWAVCYQCCGSLRAAARRRQPRHRVRSAAQIRVWRDGAVTLAPAADDAGEPPP
VAGKLGYSQCMETEVIESLGIYYKALDYGLKENEERELSPPLEQLIDHMANTVEADG
SNDEGYEAAEEGLGDEDEKRRKISAIRSYRDVMKLCAAHLPTESDAPNHYQAVCRAL
FAETMELHTFLTKIKSAKENLKKIQEMEKSDDESSTDLEELKNADWARFWVQVMRDL
RNGVKLKKVQERQYNPLPIEYQLTPYEMLMDDIRCKRYTLRKVMVNGDIPPRLLKKS
AHEIILDFIRSRPPLNPVSARKLKPTPPRPSLHERILEEIIKAERKLRPVSPEEIRRSRL
AMRPLSMSYSFDLSDVTTPESTKNLVESSMVNGGLTSQTKENGLSTSQQVPAQRK
KLLRAPTLAELDSSESEEETLHKSTSSSSVSPSFPEEPVLEAVSTRKKPPKFLPISST
PQPERRQPPQRRHSIEKETPTNVRQFLPPSRQSSRSLEEFYCYPVECLALTVEEVMH
IRQVLVKAELEKYQQYKDIYTALKKGKLCFCCRTRRFSSFTWSYTCQFCKRPVCSQ
CCKKMRLPSKPYSTLPIFSLGPSALQRGESSMRSEKPSTAHHRPLRSIARFSSKSKS
MDKSDEELQFPKELMEDWSTMEVCVDCKKFISEIISSRRSLVLANKRARLKRKTQS
FYMSSPGPSEYCPSERTISEI



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 SPIRE1 full length of mature protein protein (2-756) expressed in Yeast. SPIRE1, also known as spire homolog protein spire homolog spire actin nucleation factor spire type actin nucleation factor spire family actin nucleation factor 1, 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.