

Recombinant Human SP1 Protein Product Manual

1. Product Basic Information

Product No.: REP08309

Protein Name: Specificity Protein Sp1 Transcription Factor (SP1)

Aliases: specificity protein Sp1 transcription factor; transcription factor Sp1

UniProt ID: P08047

UniProt Link: <https://www.uniprot.org/uniprotkb/P08047/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-785aa)

Molecular Weight: 87.5 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (2-785aa)

SDQDHSMDEMTAVVKIEKGVGGNNGGNGGGGAFSQRSSSTGSSSSTGGGGQ
ESQPSPLALLAATCSRIESPNENSNSNSQGSPSQSGGTGELDLTATQLSQGANGWQII
SSSSGATPTSKEQSGSSTNGSNGSESSKNRTVSGGQYVAAAPNLQNQQVLTGLP
GVMPNIQYQVIPQFQTVDGQQQLQFAATGAQVQQDGSQGIQIIPGANQQIITNRGSG
GNIIAAMPNLLQQAVPLQGLANNVLSGQTQYVTNVPVALNGNITLLPVNSVSAATLT
PSSQAVTISSSGSQESGSQPVTSGTTISSASLVSSQASSSSFFTNANSYSTTTTTSN
MGIMNFTTSGSSGTNSQGQTPQRVSGLQGS DALNIQQNQTSGGSLQAGQQKEGE
QNQQTQQQQILIQPQLVQGGQALQALQAAPLSGQTFTTQAISQETLQNLQLQAVPN
SGPIIIRTPTVGPNGQVSWQTLQLQNLQVQNPQAQTITLAPMQGVSLGQTSSSNTTL
TPIASAASIPAGTVTVNAAQLSSMPGLQTINLSALGTSGIQVHPIQGLPLAIANAPGDH
GAQLGLHGAGGDGIHDDTAGGEEGENSPDAQPQAGRRTREACTCPYCKDSEGR
GSGDPGKKKQHICHIQGCGKVYGKTSHLRAHLRWHTGERPFMCTWSYCGKRFRTR
SDELQRHKRHTHTGEKKFACPECPKRFMRSDHLSKHIKTHQNKKGPGVALSVGTL
PLDSGAGSESGTATPSALITTNMVAMEAICPEGIARLANSGINVMQVADLQSNISG
NGF

3. Storage Buffer



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9

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 SP1 full length of mature protein protein (2-785aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. SP1, also known as specificity protein Sp1 transcription factor or transcription factor Sp1, 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.