



Recombinant Human EXOC5 Protein Product Manual

1. Product Basic Information

Product No.: REP06809

Protein Name: EXOC5

Aliases: SEC10; HSEC10; SEC10P; PRO1912; SEC10L1

UniProt ID: O00471

UniProt Link: <https://www.uniprot.org/uniprotkb/O00471/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-708aa)

Molecular Weight: 88.6 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (2-708aa)

ATTAELEFPFVADEYIERLVWRTPGGGSRGGPEAFDPKRLLEEFVNHQELQIMDE
RIQRKVEKLEQQCQKEAKEFAKKVQELQKSNQVAFQHFQELDEHISYVATKVCHLG
DQLEGVNTPRQRAVEAQKLMKYFNEFLDGELKSDVFTNSEKIKEAADIIQKLHLIAQE
LPFDRFSEVKSISKYHDLECCQLIQEFTSAQRRGEISRMREVAAVLLHFKGYSHCV
DVYIKQCQEGAYLRNDIFEDAGILCQRVNKQVGDIFSNPETVLAKLIQNVFEIKLQSF
VKEQLEECRKSDAEQYLKNLYDLYTRTTNLSSKLMEFNLGTDKQTFLSKLIKSIIFISYL
ENYIEVETGYLKSRSSAMILQRYYDSKNHQKRSIGTGGIQDLKERIRQRTNLPLGPSID
THGETFLSQEVVNLLQETKQAFERCHRLSDPSDLPRNAFRIFTILVEFLCIEHIDYAL
ETGLAGIPSSDSRNANLYFLDVVQQANTIFHLFDKQFNDHLMPLISSSPKLSECLQK
KKEIIEQMEMKLDTGIDRTLNCMIGQMKGHILAAEQKKTDFKPEDENNVLIQYTNACVK
VCAYVRKQVEKIKNSMDGKNVDTVLMELGVRFHRLIYEHLQQYSYSCMGGMLAICD
VAEYRKCAKDFKIPMVLHFLDTLHALCNLLVVAPDNLKQVCSGEQLANLDKNILHSF
VQLRADYRSARLARHFS

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)

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 EXOC5 full length of mature protein protein (2-708aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. EXOC5, also known as SEC10 or HSEC10 or SEC10P, 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.