



Recombinant Human CXCR6 Protein Product Manual

1. Product Basic Information

Product No.: REP06604

Protein Name: G Protein-Coupled Receptor (CXCR6)

Aliases: BONZO; CD186; CDw186; STRL33; TYMSTR; G protein-coupled receptor; G-protein coupled receptor STRL33; chemokine (C-X-C motif) receptor 6

UniProt ID: O00574

UniProt Link: <https://www.uniprot.org/uniprotkb/O00574/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Full Length (1-342aa)

Molecular Weight: 40.8 kDa

Protein Tag: C-terminal 10xHis-tagged(This tag can be tested only under denaturing conditions)

2. Amino Acid Sequence (1-342aa)

MAEHDYHEDYGFSSFNDSQEEHQDFLQFSKVFLPCMYLVVFCGLVGNSLVLVIS
IFYHKLQSLTDVFLVNLPLADLVFVCTLPFWAYAGIHEWVFGQVMCKSLLGIYTINFY
TSMILITCITVDRFIVVKATKAYNQQAQRMTWGKVTSLLIWVISLLVSLPQIIYGNVF
NLDKLICGYHDEAISTVVLATQMTLGFFLPLLTMIVCYSVIKTLHAGGFQKHRSCLKII
FLVMAVFLLTQMPFNLMKFIRSTHWEYYAMTSFHYTIMVTEAIAYLRACLNPVLYAFV
SLKFRKNFWKLVKDIGCLPYLGVSHQWKSSDNSKTFSASHNVEATSMFQL

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 CXCR6 full length protein (1-342aa) expressed in Mammalian cell. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. CXCR6, also known as BONZO or CD186 or CDw186, 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.