



Recombinant Human ACVR2B Protein Product Manual

1. Product Basic Information

Product No.: REP06040

Protein Name: Activin Receptor Type-2B (ACVR2B)

Aliases: HTX4; ACTRIIB; ActR-IIB; activin receptor type-2B; activin A receptor type 2B; activin A receptor, type IIB

UniProt ID: Q13705

UniProt Link: <https://www.uniprot.org/uniprotkb/Q13705/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Extracellular Domain (19-137aa)

Molecular Weight: 27.7 kDa

Protein Tag: N-terminal 6xHis-B2M-tagged

2. Amino Acid Sequence (19-137aa)

SGRGEAETRECIYYNANWELERTNQSGLERCEGEQDKRLHCYASWRNSSGTIELV
KKGCVLDDFNCYDRQECVATEENPQVYFCCCEGNFCNERFTHLPEAGGPEVTYE
PPPTAPTLTT

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

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 ACVR2B extracellular domain protein (19-137aa) expressed in E.coli. The protein is with 6xHis-B2M tag at the N-terminus, which facilitates protein purification, detection and identification. ACVR2B, also known as HTX4 or ACTRIIB or ActR-IIB, 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.