



Recombinant Human EPHA2 Protein Product Manual

1. Product Basic Information

Product No.: REP06782

Protein Name: Eph Receptor A2 (EPHA2)

Aliases: ECK; CTPA; ARCC2; CTPP1; CTRCT6; EPH receptor A2; epithelial cell receptor protein tyrosine kinase

UniProt ID: P29317

UniProt Link: <https://www.uniprot.org/uniprotkb/P29317/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial (24-534aa)

Molecular Weight: 61.2 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (24-534aa)

AQGKEVLLDFAAAGGELGWLTHPYGKGWDLMQNIMNDMPIYMYSVVCNVMMSGDQ
DNWLRTNWWYRGEAERIFIELKFTVRDCNSFPGGASSCKETFNLYYAESDLDYGTN
FQKRLFTKIDTIAPDEITVSSDFEARHVKLNV EERSVGPLTRKGFYLA FQDIGACVAL
LSVRVYYKKCEPELLQGLAHFPETIAGSDAPSLATVAGTCVDHAVVPPGGEEPRMHC
AVDGEWLVP IGGQCLCQAGYEKVEDACQACSPGFFKFEASESPCLECPEHTLPSPE
GATSCECEEGFFRAPQDPASMPCTRPPSAPHYLTAVGMGAKVELRWTPPQDSGG
REDIVYSVTCEQCWPESGECGPCEASVRYSEPPHGLTRTSVTVSDLEPHMNYTFT
VEARNGVSGLVTSRFSRTASVSINQTEPPKVRLEGRSTTSLSVSW SIPPPQQSRVW
KYEVTYRKKGDSNSYNVRRTEGFSVTLDDLAPDTTYLVQVQALTQEGQGAGSKVH
EFQTLSP EGSN

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 EPHA2 partial protein (24-534aa) expressed in Mammalian cell. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. EPHA2, also known as ECK or CTPA or ARCC2, 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.