

# Recombinant human Angiopoietin-like 2/ANGPTL2 protein

Catalog Number: ATGP2976

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

22-493aa

### UniProt No.

Q9UKU9

### NCBI Accession No.

NP\_036230

### Alternative Names

Angiopoietin-related protein 2, ARP2, HARP

## PRODUCT SPECIFICATION

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### Molecular Weight

57.1 kDa (493aa)

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

ANGPTL2 also known as Angiopoietin-related protein2 is members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. ANGPTL1, ANGPTL2, and ANGPTL4 participate in the formation of blood vessels. Recombinant human ANGPTL2, fused to His-tag at N-terminus, was expressed in E. coli.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGQEDGFEGT EEGSPREFIY LNRYKRAGES QDKCTYTFIV PQRVTGAIC VNSKEPEVLL

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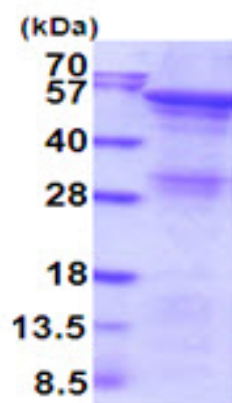
ENRVHKQELE LLNNELLKQK RQIETLQQLV EVDGGIVSEV KLLRKESRNM NSRVTQLYMQ LLHEIIRKRD NAELELSQLEN  
RILNQTADML QLASKYKDLE HKYQHLATLA HNQSEIIAQL EEHCQRVPSA RPVPQPPAA PPRVYQPPTY NRIINQISTN  
EIQSDQNLKV LPPPLPTMPT LTSLPSSTDK PSGPWRDCLQ ALEDGHDTSS IYLVKPENTN RLMQVWCDQR HDPGGWTVIQ  
RRLDGSVNFF RNWETYKQGF GNIDGEYWLG LENIYWLTNQ GNYKLLVTME DWSGRKFVFAE YASFRLEPES EYKLRRLGRY  
HGNAGDSFTW HNGKQFTTLD RDHDVYTGNC AHYQKGGWWY NACAHSNLNG VWYRGGHYRS RYQDGVYWAE  
FRGGSYSLKK VMMIRPNPN TFH

## General References

Zeng L, et al. (2003) J. Hum. Genet. 48 (3), 159-162

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)