

Recombinant human Angiopoietin-like 2/ANGPTL2 protein

Catalog Number: ATGP2976

PRODUCT INFORMATION

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

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

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 SSGLVPRGSH MGQEDGFEGT EEGSPREFIY LNRYKRAGES QDKCTYTFIV PQRVTGAIC VNSKEPEVLL

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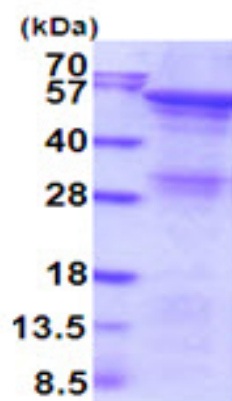
ENRVHKQELE LLNNELLKQK RQIETLQQLV EVDGGIVSEV KLLRKESRNM NSRVTQLYMQ LLHEIIRKRD NAEELSQLEN
RILNQTADML QLASKYKDLE HKYQHLATLA HNQSEIIAQL EEHCQRVPSA RPVPQPPPA PPRVYQPPTY NRIINQISTN
EIQSDQNLKV LPPPLPTMPT LTSLPSSDK PSGPWRDCLQ ALEDGHDTS IYLVKPENTN RLMQVWCDQR HDPGGWTVIQ
RRLDGSVNFF RNWETYKQGF GNIDGEYWLG LENIYWLTNQ GNYKLLVTME DWSGRKVFAE YASFRLEPES EYYKLRLGRY
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)