

## Angiotensin-like Protein 2 Human Recombinant

<b>Item Number</b>	rAP-0307
<b>Synonyms</b>	Angiotensin-related protein 2, Angiotensin-like protein 2, ANGPTL2, ARP2, HARP.
<b>Description</b>	ANGPTL2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 481 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 56kDa (calculated).
<b>Uniprot Accession Number</b>	Q9UKU9
<b>Amino Acid Sequence</b>	MKHHHHHHASQEDGFEGTEE GSPREFIYLN RYKRAGESQD KCTYTFIVPQ QRVGTGAICVN SKEPEVLLEN RVHKQELELL NNELLKQKRQ IETLQQLVEV DGGIVSEVKL LRKESRNMNS RVTQLYMQLL HEIRKRDNA LELSLENRI LNQTADMLQL ASKYKDEHK YQHLATLAHN QSEIIAQL EEHCQRVPSARP VPQPPPAAPP RVYQPPTYNR IINQISTNEI QSDQNLKVL PPLPTMPTLT SLPSS TDKPS GPWRDCLQAL EDGHDTSYIY LVKPEENTNRL MQVWCDQRHD PGGWTVIQRRLDGSV NFFRN
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
<b>Formulation and Purity</b>	ANGPTL2 was filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.03M Acetate buffer pH 4.0. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to add 0.1M Acetate buffer pH-4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, an intensive dilution by relevant buffer to a concentration
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**