

## Angiopoietin-like Protein 6 Human Recombinant

<b>Item Number</b>	rAP-0309
<b>Synonyms</b>	Angiopoietin-Like Protein 6, Angiopoietin-Related Protein 5, Angiopoietin-Related Growth Factor, Angiopoietin-Related Protein 6,&nbsp;AGF, ARP5.
<b>Description</b>	ANGPTL6 Human Recombinant produced in E.coli is a polypeptide chain containing 460 amino acids and having a total molecular mass of 50.7 kDa. ANGPTL6 contains a N-Terminal 10 aa His-Tag.
<b>Uniprot Accession Number</b>	Q8NI99
<b>Amino Acid Sequence</b>	MKHHHHHHAS RAGAPRCTYT FVLPPQKFTG AVCWSGPAST RATPEAANAS ELAALRMRVG RHEELRELQ RLAAADGAVA GEVRALRKES RGLSARLGQL RAQLQHEAGP GAGPGADLGA EPAAALALLG ERVLNASAEA QRAAARFHL DVKFRELAQL VTQQSSLIAR LERLCPGGAG GQQQLPPPP LVPVVPVRLV GSTSDTSRML DPAPEPQRDQ TQRQQEPMAS PMPAGHPAVP TKPVGWPQDC AEARQAGHEQ SGVYELRVGR HVVSVWCEQQ LEGGGWTVIQ RRQDGSVNFF
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	White lyophilized (freeze-dried) powder. Lyophilized ANGPTL6 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution ANGPTL6 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	Filtered (0.4 µm) and lyophilized from a 0.5mg/ml solution containing 0.05M Acetate buffer&nbsp;pH 4.0. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	Add 0.1M acetate buffer pH 4.0 to prepare a working stock solution of 0.5 mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10?g/ml. In h
<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**