ANGPTL2, 22-493aa, Human, His tag, E.coli

Cat.NO.: TP01159

3th Edition

Synonyms: Angiopoietin-related protein 2, ARP2, HARP

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.

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

Molecular Weight:57.1kDa (493aa)

Sequences:
MGSSHHHHHHSSGLVPRGSHMGQEDGFEGTEEGSPREFIYLNRYKRAGESQDKCTYTFIVPQQRVTGAICVNSKE
PEVLLENRVHKQELELLNNELLKQKRQIETLQQLVEVDGGIVSEVKLLRKESRNMNSRVTQLYMQLLHEIIRKRDNAL
ELSQLENRILNQTADMLQLASKYKDLEHKYQHLATLAHNQSEIIAQLEEHCQRVPSARPVPQPPPAAPPRVYQPPTY
NRIINQISTNEIQSDQNLKVLPPPLPTMPTLTSLPSSTDKPSGPWRDCLQALEDGHDTSSIYLVKPENTNRLMQVWC
DQRHDPGGWTVIQRRLDGSVNFFRNWETYKQGFGNIDGEYWLGLENIYWLTNQGNYKLLVTMEDWSGRKVFAEY
ASFRLEPESEYYKLRLGRYHGNAGDSFTWHNGKQFTTLDRDHDVYTGNCAHYQKGGWWYNACAHSNLNGVWY
RGGHYRSRYQDGVYWAEFRGGSYSLKKVVMMIRPNPNTFH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.