9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

# 32-1030: ANGPT1 Recombinant Protein

**Alternative Name :** Angiopoietin 1,KIAA0003,ANG-1,AGP1,AGPT.

## Description

Source : E.coli. ANGPT1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 480 amino acids (20-498) and having a molecular mass of 55.6 kDa.The ANGPT1 is purified by proprietary chromatographic techniques. ANGPT1 is an angiogenic factor which intervenes in blood vessel maturation and takes part in endothelial development. ANGPT1 is a secreted ligand for Tie-2, a cell surface receptor tyrosine kinase expressed in endothelial and hemopoietic cells. The glycosylated ANGPT1 protein has a coiled-coil region in the amino terminus and a fibrinogen-like domain at the carboxy terminus.

## Product Info

| | |
|---|---|
| **Amount :** | 20 µg |
| **Purification :** | Greater than 85% as determined by SDS-PAGE. |
| **Content :** | The ANGPT1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1M Urea and 5% glycerol. |
| **Storage condition :** | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles. |
| **Amino Acid :** | MSNQRRSPEN SGRRYNRIQH GQCAYTFILP EHDGNCREST TDQYNTNALQ RDAPHVEPDF SSQKLQHLEH VMENYTQWLQ KLENYIVENM KSEMAQIQQN AVQNHTATML EIGTSLLSQT AEQTRKLTDV ETQVLNQTSR LEIQLLENSL STYKLEKQLL QQTNEILKIH EKNSLLEHKI LEMEGKHKEE LDTLKEEKEN LQGLVTRQTY IIQELEKQLN RATTNNSVLQ KQQLELMDTV HNLVNLCTKE GVLLKGGKRE EEKPFRDCAD VYQAGFNKSG IYTIYINNMP EPKKVFCNMD VNGGGWTVIQ HREDGSLDFQ RGWKEYKMGF GNPSGEYWLG NEFIFAITSQ RQYMLRIELM DWEGNRAYSQ YDRFHIGNEK QNYRLYLKGH TGTAGKQSSL ILHGADFSTK DADNDNCMCK CALMLTGGWW FDACGPSNLN GMFYTAGQNH GKLNGIKWHY FKGPSYSLRS TTMMIRPLDF |

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***