



11 Park Drive, Suite 12
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Human Angiopoietin-1

ORDERING INFORMATION

Catalog No: rAP-0267

Size: 2 µg; 10µg

Storage: <- 20° C

Synonyms:

ANGPT1, AGP-1, ANG-1, AGPT, angiopoietin 1 isoform a, angiopoietin 1 isoform b, KIAA0003.

Description:

Angiopoietin-1 (Ang-1) Human, a 66 kDa protein consisting of 476 amino acid residues (N21-F496) is fused to an N-terminal myc-tag and produced in insect cells.

Source: *Insect Cells*

Physical Appearance: Sterile, Filtered clear liquid formulation.

Formulation: The Angiopoietin 1 Human (0.111mg/ml) contains 50mM Tris-HCL, pH 7.5, 150mM NaCl, 0.05% CHAPS.

Stability: ANG-1 although stable at 14°C 1 week, should be stored desiccated below -18°C.

Please prevent freeze-thaw cycles.

Purity:

The purity of Angiopoietin 1 Human is greater than 95.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

Biological Activity: The biological activity was determined by the induction of endothelial cell sprouting as described in Korff et al., 2001.

Protein content: Protein quantitation was carried out by two independent methods:

1. UV spectroscopy at 280 nm using the absorbency value of 1.27 as the extinction coefficient for a 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics).
2. Analysis by RP-HPLC, using a standard solution of ANG-1 Human as a Reference Standard.

Usage: Angio-Proteomie's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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