

Active Recombinant Human Angiopoietin 1, FLAG-tagged

Cat. No. ANGPT1-434H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human angiopoietin 1 was produced in <i>CHO</i> cells. Full amino acids (20-498) of Ang1 except the secretory signal sequences (amino acid 1-19) for secretion is expressed. A FLAG-tag is fused to N-terminal portion of recombinant Ang1. The protein forms mainly tetrameric st.
Species	Human
Source	CHO
Protein Length	20-498; 1-19 a.a.
Description	Protein arginine N-methyltransferase 1 is an enzyme that in humans is encoded by the PRMT1 gene. The HRMT1L2 gene encodes a protein arginine methyltransferase that functions as a histone methyltransferase specific for H4.
Formulation	0.2 m filtered solution in phosphate-buffered saline containing 0.02% CHAPS.
Activity	Induces the phosphorylation of Tie2 in primary cultured human vascular endothelial cells.
Stability Storage And Handling	Working aliquots are stable for up to 6 months when stored at -20°C. Avoid freeze/thaw cycles. After opening, prepare aliquots and store at -20°C.
Purity	>95%, as determined by SDS-PAGE.

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Endotoxin Level <0.25 EU/g, as determined by the LAL method.

GENE INFORMATION

Gene Name [ANGPT1](#) [angiopoietin 1](#) [[Homo sapiens](#)]

Synonyms ANGPT1; angiopoietin 1; AGP1; AGPT; ANG1; KIAA0003, Ang1; Angiopoietin-1; ANG-1

Gene ID [284](#)

mRNA Refseq [NM_001146](#)

Protein Refseq [NP_001137](#)

MIM [601667](#)

UniProt ID [Q15389](#)

Chromosome Location 8q23.1

Pathway Hemostasis; Signaling in Immune system

Function receptor binding

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