

## Active Recombinant Human Angiopoietin 1, FLAG-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human angiopoietin 1 was produced in <i>CHO cells</i> . 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.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>Protein Length</b>	20-498; 1-19 a.a.
<b>Description</b>	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.
<b>Formulation</b>	0.2 m filtered solution in phosphate-buffered saline containing 0.02% CHAPS.
<b>Activity</b>	Induces the phosphorylation of Tie2 in primary cultured human vascular endothelial cells.
<b>Stability Storage And Handling</b>	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.
<b>Purity</b>	>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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