

Recombinant Human ANGPT1/COMP protein, FLAG-tagged

Cat. No. ANGPT1-35H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANGPT1(256–498 (end)) fused with FLAG tag at N-terminal and Mouse COMP(28–72) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	256-498 a.a.
Form	40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.05% Tween-20, 100 ng/μl FLAG peptide, 20% glycerol, and 1 mM DTT.
Molecular Mass	34 kDa
AA Sequence	DYKDDDDKDLAPQMLRELQETNAALQDVRELLRQQVKEITFLKNTVMECDACGDTV HNLVNLCTKEGVLLKGGKR EEEKPFRDCADVYQAGFNKSGIYTIYINNMPEPKKVFC NMDVNGGGWTVIQHREDGSLDFQRGWKEYKMGFGNP SGEYWLGNFIFAITSQR QYMLRIELMDWEGNRAYSQYDRFHIGNEKQNYRLYLKGHTGTAGKQSSLILHGADF S TKDADNDNCMCKCALMLTGGWWFDACGPSNLNGMFYTAGQNHGKLNIGIKWHY FKGPSYSLRSTTMMIRPLDF
Purity	>90%
Applications	Useful for the study of signaling pathways. Also useful for receptor binding studies, screening inhibitors, and selectivity profiling.

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Storage >6 months at –80 centigrade. Avoid freeze/thaw cycles.

GENE INFORMATION

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

Official Symbol [ANGPT1](#)

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

Gene ID [284](#)

mRNA Refseq [NM_001146](#)

Protein Refseq [NP_001137](#)

MIM [601667](#)

UniProt ID [Q15389](#)

Chromosome Location 8q23.1

Pathway Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; Rheumatoid arthritis, organism-specific biosystem; Rheumatoid arthritis, conserved biosystem; Tie2 Signaling, organism-specific biosystem;

Function receptor tyrosine kinase binding;

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