Recombinant Human ANGPT1(256–498)/Mouse Comp(28–72) protein, FLAG-tagged

Cat. No. ANGPT1-156H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human angiopoietin 1 (ANGPT1), also known as ANG-1, GenBank Accession No. NM_001146, a.a. 256-498 (end), with N-terminal FLAG-tag and mouse Cartilage Oligomeric Matrix Protein (COMP), GenBank Accession No. NM_016685, a.a. 28-72, expressed in a HEK293 cell expression system.
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/μ FLAG peptide, 20% glycerol, and 1 mM DTT.
Molecular Mass	34 kDa
Applications	Useful for the study of signaling pathways. Also useful for receptor binding studies, screening inhibitors, and selectivity profiling.
Storage	>6 months at –80 centigrade. Avoid freeze/thaw cycles.
Concentration	0.23 mg/ml

GENE INFORMATION

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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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