

Recombinant Human ANGPT1 protein(Met1-Leu261 and Arg277-Phe498), hFc-tagged

Cat. No. ANGPT1-1065H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANGPT1 (NP_001137.2) (Met1-Leu261 and Arg277-Phe498 linked by a polypeptide linker) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Leu261 and Arg277-Phe498
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human ANGPT1 consists of 721 amino acids and predicts a molecular mass of 82 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

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