

Recombinant Human ANGPT4 Protein, Fc-tagged

Cat. No. ANGPT4-207H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human ANGPT4 (Q9Y264) C-terminal fragment (Met 282-Ile 503) was fused with the Fc region of human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	282-503 a.a.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant human ANGPT4/Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 483 amino acids and has a calculated molecular mass of 53.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhANGPT4/Fc monomer is approximately 66 kDa due to the glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [ANGPT4 angiopoietin 4 \[Homo sapiens \]](#)

Official Symbol [ANGPT4](#)

Synonyms ANGPT4; angiopoietin 4; angiopoietin-4; ANG-4; angiopoietin-3; dJ824F16.2 (angiopoietin 4); AGP4; ANG4; ANG-3; MGC138181; MGC138183;

Gene ID [51378](#)

mRNA Refseq [NM_015985](#)

Protein Refseq [NP_057069](#)

MIM [603705](#)

UniProt ID [Q9Y264](#)

Chromosome Location 20p13

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

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