

## Active Recombinant Human ANGPT4 Protein

**Cat. No.** ANGPT4-005H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	The mature recombinant human Ang-4 protein containing 480aa (N24-I503) without tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	24-503 a.a.
<b>Description</b>	Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. The mechanism by which they contribute to angiogenesis is thought to involve regulation of endothelial cell interactions with supporting perivascular cells. The protein encoded by this gene functions as an agonist and is an angiopoietin.
<b>Bio-activity</b>	Measured by its ability to compete with biotinylated rhAng-2 for binding to immobilized Tie-2/Fc Chimera in a functional ELISA. Compared to rmAngiopoietin-3, rhAngiopoietin-4 is less effective in this competitive assay.
<b>Molecular Mass</b>	57 kDa
<b>Product-Related Proteins</b>	24-503

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<b>Endotoxin</b>	< 0.1 EU/μg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	At -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	PBS

## GENE INFORMATION

<b>Gene Name</b>	ANGPT4 angiotensinogen 4 [ Homo sapiens (human) ]
<b>Official Symbol</b>	ANGPT4
<b>Synonyms</b>	ANGPT4; angiotensinogen 4; ANG3; ANG4; angiotensinogen-4
<b>Gene ID</b>	51378
<b>mRNA Refseq</b>	NM_015985
<b>Protein Refseq</b>	NP_057069
<b>MIM</b>	603705
<b>UniProt ID</b>	Q9Y264

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