

Active Recombinant Human ANGPT4 Protein

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

SPECIFICATION

Product Overview	The mature recombinant human Ang-4 protein containing 480aa (N24-I503) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	24-503 a.a.
Description	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.
Bio-activity	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.
Molecular Mass	57 kDa
Product-Related Proteins	24-503

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

GENE INFORMATION

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

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