

## Recombinant Human ANGPT2 protein, His-tagged

Cat. No. ANGPT2-532H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ANGPT2 (O15123) aa. (Lys269~Phe496) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Lys269~Phe496
<b>Description</b>	The protein encoded by this gene is an antagonist of angiotensin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 27.8kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	> 95%
<b>Characteristic</b>	The isoelectric point is 6.4.

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<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4

## GENE INFORMATION

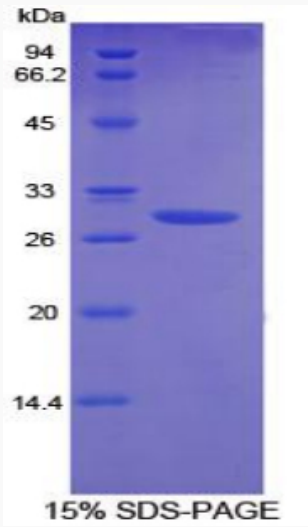
<b>Gene Name</b>	ANGPT2 angiotensinogen 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	ANGPT2
<b>Synonyms</b>	ANGPT2; angiotensinogen-2; ANG-2; Tie2-ligand; angiotensinogen-2B; angiotensinogen-2a; angiotensinogen 2; ANG2; AGPT2;
<b>Gene ID</b>	285
<b>mRNA Refseq</b>	NM_001118887.1
<b>Protein Refseq</b>	NP_001112359.1
<b>UniProt ID</b>	O15123

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SDS-PAGE



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