

## Recombinant Human ANGPT2, GST-tagged

Cat. No. ANGPT2-9645H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ANGPT2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	357-443a.a.
<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>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

**Gene Name** [ANGPT2 angiotensin 2 \[ Homo sapiens \]](#)

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<b>Official Symbol</b>	ANGPT2
<b>Synonyms</b>	ANGPT2; angiopoietin 2; angiopoietin-2; Ang2; ANG-2; Tie2-ligand; angiopoietin-2B; angiopoietin-2a; ANG2; AGPT2;
<b>Gene ID</b>	285
<b>mRNA Refseq</b>	NM_001118887
<b>Protein Refseq</b>	NP_001112359
<b>MIM</b>	601922
<b>UniProt ID</b>	O15123
<b>Chromosome Location</b>	8p23
<b>Pathway</b>	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;
<b>Function</b>	metal ion binding; protein binding; receptor binding; receptor tyrosine kinase binding;

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