

## Active Recombinant Mouse Angpt2 Protein, His-tagged

Cat. No. Angpt2-587M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Angpt2 (Accession # NP_031452) Met1-Phe496, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	Met1-Phe496
<b>Predicted N Terminal</b>	Asp68
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in HEPES, NaCl and CHAPS with BSA as a carrier protein.
<b>Bio-activity</b>	Measured by its ability to activate Tie-2 in C6 rat glial cells transfected with human Tie-2. 1 µg/mL of Recombinant Mouse Angiopoietin-2 significantly induces phosphorylation of human Tie-2 in the presence of a cross-linking antibody, Mouse Anti-polyHistidine Monoclonal Antibody.
<b>Molecular Mass</b>	Recombinant Mouse Angpt2, His-tagged has a calculated MW of 49.7 kDa. In SDS-PAGE migrates as 60-66 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

**Reconstitution**

Reconstitute at 200 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

**GENE INFORMATION****Gene Name**

[Angpt2 angiopoietin 2 \[ Mus musculus \]](#)

**Official Symbol**

[Angpt2](#)

**Synonyms**

[ANGPT2](#); [angiopoietin 2](#); [angiopoietin-2](#); [Ang2](#); [Agpt2](#); [Ang-2](#);

**Gene ID**

[11601](#)

**mRNA Refseq**

[NM\\_007426](#)

**Protein Refseq**

[NP\\_031452](#)

**MIM**

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