

Active Recombinant Mouse Angpt2 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	CHO
ProteinLength	Met1-Phe496
Predicted N Terminal	Asp68
Form	Lyophilized from a 0.2 μ filtered solution in HEPES, NaCl and CHAPS with BSA as a carrier protein.
Bio-activity	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.
Molecular Mass	Recombinant Mouse Angpt2, His-tagged has a calculated MW of 49.7 kDa. In SDS-PAGE migrates as 60-66 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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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