

Active Recombinant Mouse Angpt2 protein, His-tagged

Cat. No. Angpt2-476M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Angpt2 protein(NP_031452)(Tyr 19 - Phe 496), fused to C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Tyr 19 - Phe 496
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human TIE2, Fc Tag at 2 µg/mL (100 µL/well) can bind Mouse Angiopoietin-2, His Tag with a linear range of 2-39 ng/mL.
Molecular Mass	The protein has a calculated MW of 56.5 kDa. The protein migrates as 60-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles.

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This product is stable after storage at:

-20°C to -70°C for 12 months in lyophilized state;

-70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Angpt2 angiotensinogen 2 [Mus musculus]

Official Symbol Angpt2

Synonyms Angpt2; angiotensinogen 2; Ang2; Agpt2; Ang-2; angiotensin-2

Gene ID 11601

mRNA Refseq NM_007426

Protein Refseq NP_031452

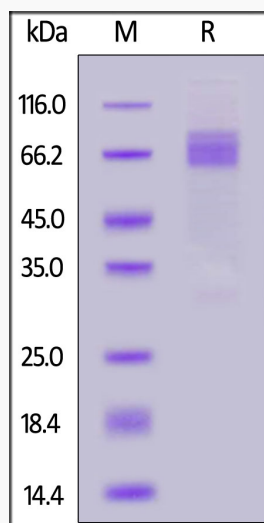
UniProt ID O35608

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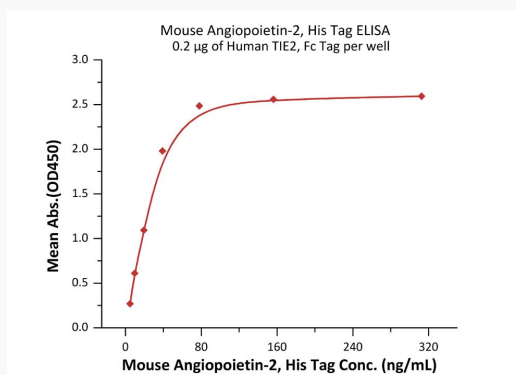
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SDS-PAGE



ELISA



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