

Recombinant Mouse ANGPT2 protein(Lys275-Phe496), His-tagged

Cat. No. Angpt2-475M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ANGPT2 (NP_031452.2) (Lys275-Phe496) was expressed in HEK293 with a N-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Lys275-Phe496
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse Angiopoietin-2-His at 2 µg/ml (100 µl/well) can bind mouse TEK-Fc, the EC50 of mouse TEK-Fc is 350-900 ng/mL.
Molecular Mass	The recombinant mouse ANGPT2 comprises 241 amino acids and has a predicted molecular mass of 27.5 kDa. The apparent molecular mass of the protein is approximately 33.4 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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 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](#)

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