

Recombinant Mouse Angpt2 protein, His-tagged

Cat. No. Angpt2-533M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Angpt2 (O35608) aa. (Tyr19~Ala147) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Tyr19~Ala147
Description	This gene encodes an endothelial cell (EC)-derived regulator of angiogenesis and ligand for endothelial-specific receptor tyrosine kinase. The encoded protein acts as an anti-apoptotic factor for stressed ECs and a proapoptotic factor for resting ECs.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 5.6.
Applications	SDS-PAGE; WB; ELISA; IP.

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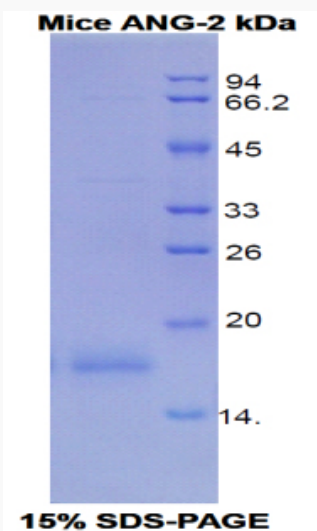
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4
GENE INFORMATION	
Gene Name	Angpt2 angiopoietin 2 [Mus musculus (house mouse)]
Official Symbol	Angpt2
Synonyms	Angpt2; angiopoietin 2; Ang2; Agpt2; Ang-2; angiopoietin-2
Gene ID	11601
mRNA Refseq	NM_007426.4
Protein Refseq	NP_031452.2
UniProt ID	O35608

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SDS-PAGE



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