

Recombinant Rat Angpt1 protein, His-tagged

Cat. No. Angpt1-529R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Angpt1 (O35460) aa. (Asn304~Ala450) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asn304~Ala450
Description	Modulates endothelial cell survival and involved in the activation of endothelial cell-specific Tie-2 receptors.
Form	Freeze-dried powder
Molecular Mass	18kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; ReporterAssays; Purification; Amine Reactive Labeling.

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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.
Concentration	200g/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

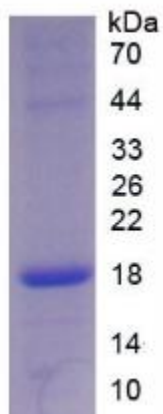
Gene Name	Angpt1 angiotensin 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Angpt1
Synonyms	Angpt1; angiotensin 1; Agpt; Agpt1; Ang-1; angiotensin-1
Gene ID	89807
mRNA Refseq	NM_053546.1
Protein Refseq	NP_445998.1
UniProt ID	O35460

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SDS-PAGE



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