

Recombinant Rat Angpt2 protein, His-tagged

Cat. No. Angpt2-536R **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Rat Angpt2 (O35462) aa. (Glu352~Trp477) fused with N-terminal His tag was produced in E. coli cells. |
| Species | Rat |
| Source | E.coli |
| ProteinLength | Glu352~Trp477 |
| Form | Freeze-dried powder |
| Molecular Mass | 16 kDa as determined by SDS-PAGE reducing conditions |
| Endotoxin | <1.0EU per 1g (determined by the LAL method) |
| Purity | > 95% |
| Characteristic | The isoelectric point is 6.3. |
| Applications | SDS-PAGE; WB; ELISA; IP. |
| 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. |

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|-----------------------|--|
| 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

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|------------------------|--|
| Gene Name | Angpt2 angiotensin 2 [<i>Rattus norvegicus</i> (Norway rat)] |
| Official Symbol | Angpt2 |
| Synonyms | Angpt2; angiotensin 2; Agpt2; Ang-2; angiotensin-2 |
| Gene ID | 89805 |
| mRNA Refseq | NM_134454.1 |
| Protein Refseq | NP_604449.1 |
| UniProt ID | O35462 |

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