

# Active Recombinant Rat Angpt2 protein, His-tagged, Low Endotoxin

**Cat. No.** ANGPT2-325R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Angpt2 protein(O35462)(275-496 aa), fused with N-terminal His tag, was expressed in HEK293.                                                               |
| <b>Species</b>          | Rat                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                    |
| <b>ProteinLength</b>    | 275-496 aa                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                           |
| <b>Bio-activity</b>     | Immobilized Rat ANGPT2, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-ANGPT2 Antibody, hFc Tag with the EC50 of 4.3ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 26.28 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Bis-Tris PAGE result.                                       |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                               |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE; > 90% as determined by HPLC                                                                                                         |
| <b>Storage</b>          | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after                                                                                     |

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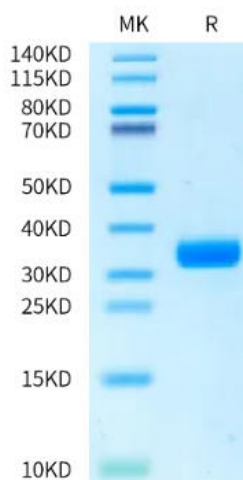
reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

|                        |                                                       |
|------------------------|-------------------------------------------------------|
| <b>Gene Name</b>       | Angpt2 angiopoietin 2 [ Rattus norvegicus ]           |
| <b>Official Symbol</b> | Angpt2                                                |
| <b>Synonyms</b>        | ANGPT2; angiopoietin 2; angiopoietin-2; Agpt2; Ang-2; |
| <b>Gene ID</b>         | 89805                                                 |
| <b>mRNA Refseq</b>     | NM_134454                                             |
| <b>Protein Refseq</b>  | NP_604449                                             |

### Bis-Tris PAGE

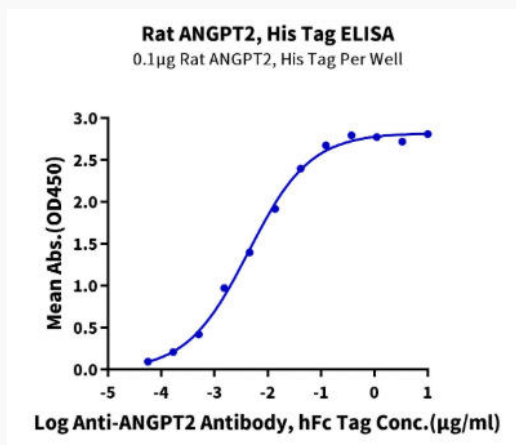


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## ELISA Data



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