

## Active Recombinant Rabbit ANGPT2 protein, His-tagged

Cat. No. ANGPT2-315R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rabbit ANGPT2 protein( Lys 275 - Phe 496), fused with His tag, was expressed in HEK293.
<b>Species</b>	Rabbit
<b>Source</b>	HEK293
<b>ProteinLength</b>	Lys 275 - Phe 496
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in 20 mM MOPS, 5mM CHAPS, 150 mM NaCl, pH7.5 with trehalose as protectant.
<b>Bio-activity</b>	Rabbit Angiopoietin-2 Protein, His Tag captured on CM5 chip via anti-His antibody can bind Human TIE2, Fc Tag with an affinity constant of 43.9 nM as determined in a SPR assay (Biacore 8K).
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 27.4 kDa. The protein migrates as 30-34 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**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 angiotensin 2 \[ Oryctolagus cuniculus \]](#)

**Official Symbol** [ANGPT2](#)

**Synonyms** ANGPT2; angiotensin 2;

**Gene ID** [100353377](#)

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