Active Recombinant Rabbit ANGPT2 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rabbit ANGPT2 protein(Lys 275 - Phe 496), fused with His tag, was expressed in HEK293.
Species	Rabbit
Source	HEK293
ProteinLength	Lys 275 - Phe 496
Form	Lyophilized from 0.22 μm filtered solution in 20 mM MOPS, 5mM CHAPS, 150 mM NaCl, pH7.5 with trehalose as protectant.
Bio-activity	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).
Molecular Mass	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.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
Storage	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 angiopoietin 2 [Oryctolagus cuniculus]
Official Symbol	ANGPT2
Synonyms	ANGPT2; angiopoietin 2;
Gene ID	100353377

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