Active Recombinant Canine ANGPT2 protein(Lys274-Phe495), His-tagged

Cat. No. ANGPT2-1040C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine ANGPT2 (NP_001041591.1) (Lys274-Phe495) was expressed in HEK293 with a polyhistidine tag at the N-terminus.
Species	Canine
Source	HEK293
ProteinLength	Lys274-Phe495
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1.Measured by its binding ability in a functional ELISA. 2. Immobilized Canine ANGPT2 at 10μg/mL (100μL/well) can bind human Tie2-Fch, the EC50 of human Tie2-Fch is 10-50 ng/mL.
Molecular Mass	The recombinant Canine ANGPT2 consists 241 amino acids and predicts a molecular mass of 27.8 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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	Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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.

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