

Active Recombinant Canine ERBB2, His-tagged

Cat. No. ERBB2-171C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Canine ERBB2 Protein (ABW99108.1, 1-652aa), was expressed in HEK293 with C-terminal His tag.
Species	Canine
Source	HEK293
ProteinLength	1-652 aa
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	Immobilized Her2/ERBB2 Protein, Canine, Recombinant (His Tag) at 2 µg/ml (100 µl/well) can bind Anti-ErbB2 Antibody (Trastuzumab), the EC50 is 8-50 ng/mL.
Molecular Mass	The recombinant canine ERBB2 comprises 641 amino acids and has a predicted molecular mass of 70.4 kDa. The apparent molecular mass of the protein is approximately 75- 95 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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.

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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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