

## Recombinant Canine Receptor Tyrosine-Protein Kinase Erbb-2 (ERBB2), C-His

Cat. No.: AP7F440

Product Type: Animal Proteins

Size: 100 µg

### Product Overview

BioVenic's Recombinant Canine Receptor Tyrosine-Protein Kinase Erbb-2 (ERBB2), C-His is a recombinant protein expressed from HEK293 Cells. Its predicted molecular weight is 70.4 kDa. The purity is >95% (SDS-PAGE). The endotoxin level is <1 EU/µg (LAL).

### Specifications

Type	Recombinant Protein
Species	Canine
Expression System	HEK293 Cells
Biological Activity	Active
Purity	>95% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	70.4 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4.

### Target Information

Erb-b2 receptor tyrosine kinase 2 is encoded by the *ERBB2* gene in dogs. This gene is a protooncogene encoding a tyrosine kinase receptor protein, the overexpression of which correlates with a more rapid progression and a worse prognosis in breast cancer.

Protein	Canine Receptor Tyrosine-Protein Kinase Erbb-2 (ERBB2)
Protein Synonym	erb-b2 receptor tyrosine kinase 2, HER-2, c-erbB-2, p185erbB2, receptor tyrosine-protein kinase erbB-2, proto-oncogene c-ErbB-2, v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog
UniProt ID	<a href="#">A8WED5</a>
EC No.	<a href="#">2.7.10.1</a>

## Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store for 12 months at -20°C or -80°C.

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## User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.