

Recombinant Feline Protein Wnt-2 (WNT2)

Cat. No.: AP2C145

Product Type: Animal Proteins

Size: 20 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Feline Protein Wnt-2 (WNT2) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 40.4 kDa. The purity is >85% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Feline
Expression System	<i>E.coli</i>
Purity	>85% (SDS-PAGE)
Predicted Molecular Weight	40.4 kDa
Physical State	Lyophilized
Formulation	Tris/PBS-based buffer, 6% Trehalose.

Target Information

In felines, Wnt-2 protein (WNT2) is involved in cell development and tissue repair. WNT2 activates the Wnt/β-catenin signaling pathway, regulating cell differentiation, proliferation, and survival. In the nervous system, WNT2 released by apoptotic neurons triggers astrocyte dedifferentiation and neurogenesis. It also plays a key role in embryonic development, regulating organogenesis and cell fate determination.

Protein	Feline Protein Wnt-2 (WNT2)
Protein Synonym	WNT2; Protein Wnt-2
Gene ID	493672
UniProt ID	A0M8T2

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

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

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.