

## Recombinant Porcine Fms Related Receptor Tyrosine Kinase 3 Ligand (FLT3LG)

Cat. No.: AP7F520

Product Type: Animal Proteins

Size: 25 µg

### Product Overview

BioVenic's Recombinant Porcine Fms Related Receptor Tyrosine Kinase 3 Ligand (FLT3LG) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 17.3 kDa. The purity is >95% (SDS-PAGE).

### Specifications

Type	Recombinant Protein
Species	Swine
Expression System	<i>E.coli</i>
Purity	>95% (SDS-PAGE)
Predicted Molecular Weight	17.3 kDa
Physical State	Lyophilized
Formulation	10 mM Sodium Phosphate, pH 7.5.

### Target Information

Flt3 ligand (FL) is a hematopoietic cytokine characterized by a four-helix bundle structure. It shares structural homology with stem cell factor (SCF) and colony-stimulating factor 1 (CSF-1). The interaction between FLT3L and its receptor plays a crucial role in the mammalian immune response to malaria.

Protein	Porcine Fms Related Receptor Tyrosine Kinase 3 Ligand (FLT3LG)
Protein Synonym	FLT3LG; FL; FLT3L; fms related tyrosine kinase 3 ligand; FLG3L; fms related receptor tyrosine kinase 3 ligand

### Shipping and Storage

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

### User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in ddH<sub>2</sub>O to 100 µg/mL. 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.