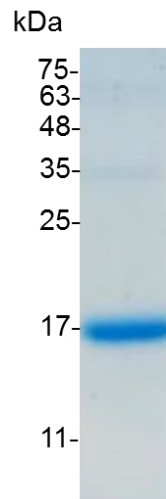


Flt-3 Ligand (Fms-related tyrosine kinase-3 ligand), Swine

v. 231101

Catalog number	C03014-5UG / C03014-20UG / C03014-100UG
Package	5 µg / 20 µg / 100 µg
Description	Fms-related tyrosine kinase 3 ligand (FLT3LG) is a protein which in humans is encoded by the FLT3LG gene. FLT3 ligand is a receptor for the fl cytokine has a tyrosine-protein kinase activity & a growth factor that regulates proliferation of early hematopoietic cells. Flt3-Ligand synergizes with other CSFs and interleukins to induce growth and differentiation.
Source	<i>Escherichia coli</i>
Sequence	MSPDCSFPHSPISSTFANTIRQLSDYLLQDYPVTVASNLQDDELCGAFWRLVLA QRWVGQLKTVAGSQMQKLEAVNTEIVFVTSCALQPLPSCRFVQANISHLLQ DTSQQLVALKPWITRRNFSRCLELQCQPDPSTLLPPRSPGALEATSLPAPQASL LLLLLLLLLPAALLL with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to induce proliferation in OCI-AML5 cells. The ED ₅₀ for this effect is <5 ng/mL.
Purity	>95% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	This product is stable after storage at: <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant swine Flt-3 Ligand

For research use only.