

Active GMP Recombinant Porcine FLT3LG Protein, His-Tagged

Cat. No. FLT3LG-01P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Porcine FLT3LG Protein, His-Tagged was expressed in Escherichia coli cell-derived in an animal component free process under cGMP guidelines.
Species	Porcine
Source	E.coli
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.
Form	Lyophilized
Bio-activity	Measure by its ability to induce proliferation in OCI-AML5 cells. The ED50 for this effect is <5 ng/mL.
AA Sequence	MSPDCSFPHSPISSTFANTIRQLSDYLLQDYPVTVASNLQDDEL CGAFWRLVLAQR WMGQLKTVAGSQMQKLL EAVNTEIVFVTSCALQPLPSC LRFVQANISHLLQDTSQQQL VALKPWITRRNFSRCLELQCQPDPSTLLPPRSPGALEATSLPAPQASLLLLLLLLLLLPA ALLLL with polyhistidine tag at the C-terminus
Endotoxin	<0.1 EU per 1 µg of the protein by the LAL method.

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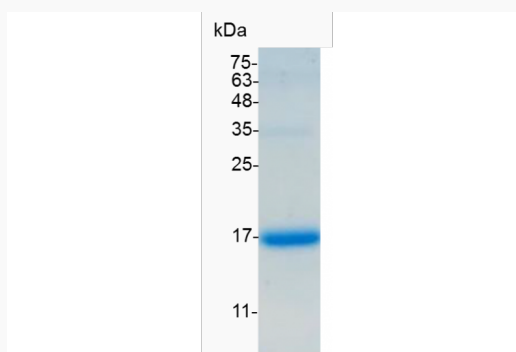
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Purity	>95% as determined by SDS-PAGE. Ni-NTA chromatography
Notes	Please use within one month after protein reconstitution.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Storage Buffer	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

GENE INFORMATION

Gene Name	FLT3LG fms-related tyrosine kinase 3 ligand [<i>Sus scrofa</i> (pig)]
Official Symbol	FLT3LG
Gene ID	100322867



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