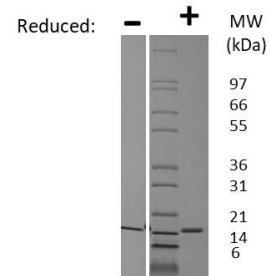
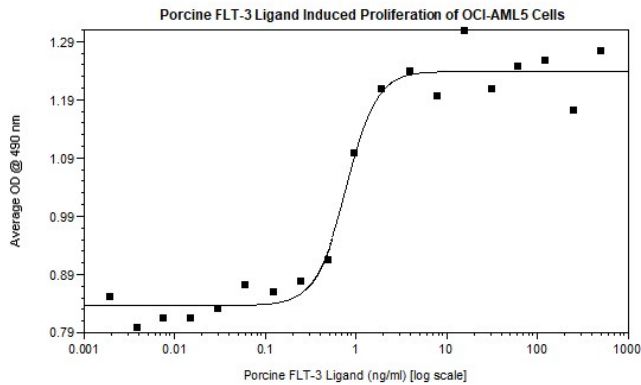


FLT3LG

Porcine FLT-3 Ligand, Animal Free

Catalog No.	CRF161A-AF CRF161B-AF CRF161C-AF	Quantity:	25 µg 100 µg 1 mg
Alternate Names:	Flt3L, Fms-related tyrosine kinase 3 ligand		
Description:	Fms-related tyrosine kinase 3 ligand (FLT-3 ligand) is a growth factor that regulates hematopoietic cell proliferation. FLT-3 ligand signaling is transmitted through the fms-related tyrosine kinase 3 (FLT-3) receptor. FLT-3 ligand promotes the long-term expansion and differentiation of pro-B cells in the presence of interleukin 7 (IL-7) or in combination of IL-7 and interleukin 3 (IL-3).		
GeneID:	100322867		
UniProtKB:	D2K7D6		
Source:	<i>E.coli</i>		
Molecular Weight:	Monomer, 17.3 kDa (with 155 amino acids)		
Formulation:	Lyophilized from a sterile filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5		
Purity:	≥ 95% by reducing and non-reducing SDS-PAGE		
Endotoxin Level:	≤ 1 EUs/µg by kinetic LAL		
	Manufactured in an Animal-Free facility, without Animal-Derived materials.		
Biological Activity:	ED ₅₀ ≤ 5 ng/ml, determined by OCI-AML5 cell proliferation.		
Specific Activity:	≥ 2.0 x 10 ⁵ units/mg		
Amino Acid Sequence:	MSPDCSFPHS PISSTFANTI RQLSDYLLQD YPVTVASNLQ DDELCGAFWR LVLAQRWMGQ LKT VAGSQMQ KLLEAVNTEI VFTVSCALQP LPSCSLRFVQA NISHLLQDTS QQLVALKPWI TRRNFSRCLE LQCQPDPSTL LPPRSPGALE ATSLP		
Reconstitution:	Centrifuge vial before opening. Add sterile water at 0.1 mg/ml. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution.		
Storage & Stability:	Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C. It is recommended that a carrier protein such as 0.1% HSA or BSA is added for long term storage. Avoid repeated freeze-thaw cycles.		





Porcine FLT-3 Ligand Gel

Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Porcine FLT-3 Ligand is predicted to have a MW of 17.3 kDa.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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