

FLT3 Ligand, Human CellExp™, human recombinant

CATALOG #:	6452-10	10 µg
	6452-50	50 µg
ALTERNATE NAMES:	Fms-related tyrosine kinase 3 ligand, FLK2, STK1, CD135, Stem Cell Tyrosine Kinase 1, FLT3LG, Flt3.	
SOURCE:	Human 293 Cell Expressed	
PURITY:	> 95% by SDS - PAGE	
MOL. WEIGHT:	24 to 30 kDa, monomer, glycosylated	
ENDOTOXIN LEVEL:	< 1.0 EU per 1 µg of protein	
FORMULATION:	Lyophilized from a PBS solution.	
RECONSTITUTION:	Reconstitute in sterile PBS containing 0.1% endotoxin-free, recombinant human serum albumin.	

STORAGE CONDITIONS:

Aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

ADVANTAGES:

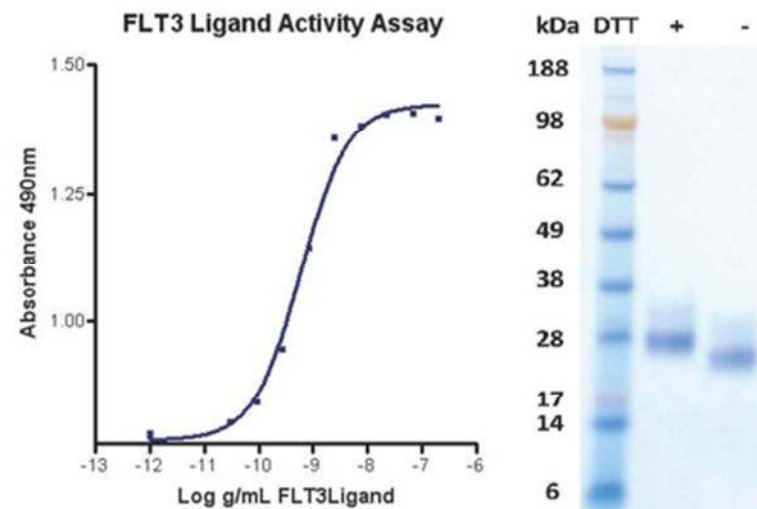
- Animal-derived product free
- High Activity
- Authentic Glycosylation

DESCRIPTION:

FLT3 ligand is a receptor for the Flt3 cytokine and 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. Human flt3-Ligand (flk2-ligand) stimulates the proliferation and colony formation of certain bone marrow precursor cells including CD34+ cells.

BIOLOGICAL ACTIVITY:

ED₅₀ is typically 0.2 to 0.8 ng/mL. The specific activity was determined by the dose-dependent stimulation of the proliferation of the human acute myeloid leukemia cell line OCI-AML5.



RELATED PRODUCTS:

- Flt3-Ligand, human recombinant (Cat # 4085-10, -50, -1000)
- Flt3-Ligand, murine recombinant (Cat # 4086-10, -50, -1000)
- Flt3-Ligand Antibody (Cat # 5085R-100)
- FLT1, human recombinant (Cat # 4951-10, -100)
- FLT4, human recombinant (Cat # 4954-10, -100)
- Tandutinib (Cat # 2024-5, -25)

FOR RESEARCH USE ONLY! Not to be used in humans.