

Human Flt-3 Ligand (FLT3L) Recombinant Protein

Product Details

Size	100 µg
Species	Human
Published Species	Human
Expression system	HEK293 cells
Amino acid sequence	TQDCSFQHSP ISSDFAVKIR ELSDYLLQDY PVTVASNLQD EELCGGLWRL VLAQRWMERL KTVAGSKMQG LLERVNTEIH FVTKCAFQPP PSCLRFVQTN ISRLQETSE QLVALKPWIT RQNFSRCLEL QCQPDSSTLP PPWSPRPLEA TAPTAPQP
Molecular weight	35 kDa
Class	Recombinant
Type	Protein
Purity	>95% by SDS-PAGE
Endotoxin concentration	<0.1 ng/µg
Activity	ED50 5 ng/mL; determined by the dose-dependent proliferation of human OCI-AML5 cells.
Conjugate	Unconjugated
Form	Lyophilized
Purification	sequential chromatography
Contains	no preservative
Storage conditions	4° C

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Functional Assay (FN)	Assay-dependent	5 Publications
Control (Ctrl)	Assay-dependent	-

Product Specific Information

Carrier-Free

Reconstitution: Centrifuge the vial briefly, before opening to bring the contents to the bottom. Reconstitute the lyophilized protein in sterile, distilled water or appropriate buffered solution containing 0.1% BSA to regain full activity. Apportion there constituted protein into working aliquots and store at -20°C. Make any further dilutions of the reconstituted protein in buffered solution containing a carrier protein, such as PBS + 0.1% BSA.

Storage: Store the lyophilized protein at 2-8°C, preferably desiccated. Upon reconstitution, apportion into working aliquots and store at -20°C. Avoid repeated freeze-thaw cycles.

Functional Assay (5)

Stem cell research	Year 2021
Generation of three induced pluripotent stem cell lines from hypertrophic cardiomyopathy patients carrying MYH7 mutations.	Species Human
Authors: Cao X,Jahng JWS, Lee C,Zha Y,Wheeler MT,Sallam K,Wu JC	Dilution 100 ng/mL
Stem cell research	Year 2021
Generation of three induced pluripotent stem cell lines, SCVli003-A, SCVli004-A, SCVli005-A, from patients with ARVD/C caused by heterozygous mutations in the PKP2 gene.	Species Human
Authors: Jahng JWS,Black KE,Liu L,Bae HR,Perez M,Ashley EA,Sallam K,Wu JC	Dilution 100 ng/mL

[View more FN references on thermofisher.cn](#)

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