

Technical Data Sheet

InVivoMAb recombinant Flt-3L-Ig (hum/hum)



Attention: Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at <https://bioxcell.com/terms-and-conditions>.

Lot Specific Information

Lot Number: Lot Specific*
Volume: Lot Specific*
Concentration: Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein: Lot Specific*

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number: BE0098
Clone: Flt-3L-Ig (hum/hum)
Recommended Isotype Control(s): InVivoMAb recombinant human IgG1 Fc
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Formulation: PBS, pH 7.0
Contains no stabilizers or preservatives
Endotoxin: <2EU/mg (<0.002EU/μg)
Determined by LAL gel clotting assay
Purity: >95%
Determined by SDS-PAGE
Sterility: 0.2 μm filtered
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein A
RRID: [AB_10949072](https://abnova.com/AB_10949072)

Description

Flt-3L (FMS-related Tyrosine Kinase 3 Ligand) is an endogenous protein that functions as a cytokine and growth factor. Flt-3L is crucial for the development of conventional dendritic cells (cDCs) and plasmacytoid dendritic cells (pDCs). Recombinant Flt-3L-Ig is a fusion protein consisting of human Flt-3L fused to the Fc portion of human IgG1. This fusion protein is useful for activating Flt3 signaling and inducing the expansion of DC populations. Human Flt-3L-Ig is frequently reported to stimulate Flt3 signaling in vivo in mice.

Storage

Store at the stock concentration at 4°C. **Do not freeze.**

It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at <https://bioxcell.com/faqs>.

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

Application References

For a complete list of references, visit https://bioxcell.com/catalogsearch/result/?q=BE0098#tab_references or scan the QR code below.



Bio X Cell, LLC

<https://bioxcell.com>

+1-866-787-3444

customerservice@bioxcell.com

Conditions: For research use only. Not for use in diagnostic or therapeutic procedures.

Not for resale.

Bio X Cell, Bio X Cell logo, and all other trademarks are the property of Bio X Cell, LLC © 2024 Bio X Cell, LLC