

# 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:** BE0342  
**Clone:** Flt-3L Fc-G1  
**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 filtration  
**Production:** Purified from cell culture supernatant in an animal-free facility  
**Purification:** Protein A  
**RRID:** [BE0342](https://eutils.ncbi.nlm.nih.gov/entrez/eutils/rrid.cgi?db=Protein)

## 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/be0342?bxcs=9k1b3a#tab\\_references](https://bioxcell.com/be0342?bxcs=9k1b3a#tab_references) or scan the QR code below.



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*Not for resale.*

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