

## Certificate of Analysis

**Product Name:** Recombinant Human FLT3 Ligand

**Cat No:** HHM-FT-0010, HHM-FT-0100, HHM-FT-1000

**Lot No:** SI6039

**Size:** 10ug/vial, 100ug/vial, 1000ug/vial

**Source:** Expressed in human cell line cultured in serum-free and chemically defined medium

**Structure:** Glycosylated monomer

**Physical Appearance:** White freeze-dried powder

**Purity:** > 95% by SDS-PAGE

**Specific Activity:** 0.3-0.8ng/ml for ED50 measured by the inhibition of BMP-4 induced alkaline phosphatase production in the ATDC-5 cell line

**Endotoxin Level:** < 0.5EU/ug by LAL assay

**Molecular Weight:** 24-30kDa

**Formulation:** Lyophilized in PBS without carrier protein.

**Shipping:** The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

**Reconstitution:** Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

**Storage Condition:** Upon reconstitution, store at 2-8°C for up to one month under aseptic condition. For long term storage, aliquot and store at -80°C is recommended for retention of full activity. Avoid repeated freeze/thaw cycles.

### Authorization

Released by:  Date: \_\_\_\_\_

### Limited Use and Restrictions

The products sold under license from StemImmune LLC. are intended for laboratory use only and not for any other purpose. If you have any questions about the Certificate of Analysis, please visit [www.stem-immune.com](http://www.stem-immune.com) or contact our customer service representative.