

## Recombinant human FLT3 Ligand (Active,Tag free)

- Cat. Number:** ck0029
- Quantity size:** 10µg / 50ug / 500µg
- Protein Sequence:** 27-185aa, Tag free, full length mature protein
- Swiss-Prot:** P49771
- Gene ID:** 2323
- Source:** Human cells derived
- Structure:** Glycosylated monomer
- Purity:** >95% by SDS-PAGE
- MW:** 24-30kDa
- Endotoxin Level:** <0.5EU/ug
- Formulation:** Lyophilized from a 0.2µm filtered solution in PBS without carrier protein  
Animal and Xeno free
- Activity Assay:** The activity was measured by its ability to stimulate the proliferation of the human acute myeloid leukemia cell line OCI-AML5.
- 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.
- Stability & Storage:** Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80°C as supplied. 1 month, 2 to 8°C under sterile conditions after reconstitution. 3 months, -20 to -80 °C under sterile conditions after reconstitution.
- Description:** Human Flt3 Ligand is a 24-30kDa glycoprotein with a 158 amino acid. Flt3 Ligand is expressed by T cells, bone marrow and thymic fibroblasts. The predominant biologically active form is membranebound isoform, which can be proteolytically cleaved to generate a biologically active soluble isoform. Flt3 Ligand synergizes well with a number of other colony stimulating factors and interleukins to regulate proliferation of early hematopoietic cells by activating Flt3.

***Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.***