

## 32-7802: Recombinant Human Fms-Related Tyrosine Kinase 3 Ligand/FLT3LG (C-6His)

**Gene :** FLT3LG

**Gene ID :** 2323

**Uniprot ID :** P49771

### Description

Source: Human Cells.

MW :18.9kD.

Recombinant Human Fms-like Tyrosine Kinase 3 Ligand is produced by our Mammalian expression system and the target gene encoding Thr27-Pro184 is expressed with a 6His tag at the C-terminus. Fms-Related Tyrosine Kinase 3 Ligand (FLT3LG) is a hematopoietic four helical bundle cytokine. It is structurally homologous to stem cell factor (SCF) and colony stimulating factor 1 (CSF-1). In synergy with other growth factors, Flt3 ligand stimulates the proliferation and differentiation of various blood cell progenitors by activation of Flt 3 receptor.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl,pH8.0.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** TQDCSFQHSPISSDFAVKIRELSYLLQDYPVTVASNLQDEELCGGLWRLVLAQRWMERLKTIVAG  
SKMQGLLERVNTEIHFTKCAFQPPPSCLRFVQTNISRLQETSEQLVALKPWITRQNFSCLELQC  
QPDSSTLPPPWSRPLEATAPTAPQPDHSHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.