Recombinant Human FLT3LG Protein Product Manual

1. Product Basic Information

Product No.: REP06906

Protein Name: Flt3 Ligand (FLT3LG)

Aliases: FL; FLG3L; FLT3L; IMD125; flt3 ligand; fms related tyrosine kinase 3 ligand; fms-related tyrosine kinase 3 ligand; fms related receptor tyrosine kinase 3 ligand

UniProt ID: P49771

UniProt Link: https://www.uniprot.org/uniprotkb/P49771/entry

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Extracellular Domain (27-184aa)

Molecular Weight: 33.9kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (27-184aa)

TQDCSFQHSPISSDFAVKIRELSDYLLQDYPVTVASNLQDEELCGGLWRLVLAQRW
MERLKTVAGSKMQGLLERVNTEIHFVTKCAFQPPPSCLRFVQTNISRLLQETSEQLV
ALKPWITRQNFSRCLELQCQPDSSTLPPPWSPRPLEATAPTAPQP

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human FLT3LG extracellular domain protein (27-184aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. FLT3LG, also known as FL or FLG3L or FLT3L, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.