Mouse Fas Ligand / FASLG / CD95L Protein (His Tag)

Catalog Number: **50854-M07Y**

General Information

Gene Name Synonym:

Apt1lg1; Cd95l; Fasl; gld; Tnfsf6

Protein Construction:

A DNA sequence encoding the mouse Faslg (AAB02915.1) (Pro132-Leu279) was expressed with a polyhistidine tag at the N-terminus.

Source: Mouse

Expression Host: Yeast

QC Testing

Purity: > 90 % as determined by SDS-PAGE.

Endotoxin:

Please contact us for more information.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 ℃

Predicted N terminal: His

Molecular Mass:

The recombinant mouse Faslg consists of 158 amino acids and predicts a molecular mass of 18.2 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

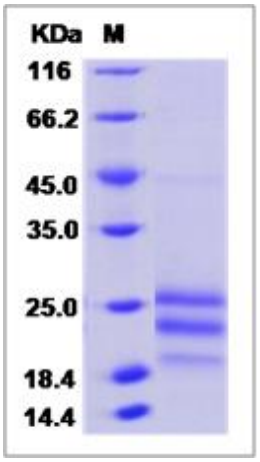
Store it under sterile conditions at -20℃ to -80℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



Protein Description

Fas Ligand, also known as FASLG and CD95L, is the ligand for FAS. It is a transmembrane protein which binds to TNFRSF6/FAS. Interaction of FAS with fas Ligand is critical in triggering apoptosis of some types of cells such as lymphocytes. Fas Ligand may be involved in cytotoxic T-cell mediated apoptosis and in T-cell development. TNFRSF6/FAS-mediated apoptosis may have a role in the induction of peripheral tolerance, in the antigen-stimulated suicide of mature T-cells, or both.

References

1.Pitti R M. et al., 1998, Nature. 396 (6712): 699-703. 2.Hane M. et al., 1995, FEBS Lett. 373 (3): 265-8. 3.Schneider P. et al., 1997, J Biol Chem. 272 (30): 18827-33.