

Mouse SPINK4 (Fc Tag) recombinant protein



Catalog Number: 500869

General Information

Gene Name Synonym

MPGC60 protein; Peptide PEC-60 homolog

Protein Construction

A DNA sequence encoding the mouse SPINK4 (NP_035593.2) (Met 1-Cys 86) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

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

Predicted N terminal

Gly 27

Molecular Mass

The secreted recombinant mouse SPINK4/Fc is a

disulfide-linked homodimer. The reduced monomer comprises 301 amino acids and has a calculated molecular mass of 34.5 kDa. The apparent molecular mass of the monomer is approximately 35 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

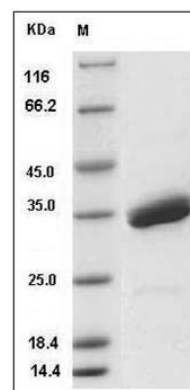
Store it under sterile conditions at -20°C to -80°C .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Mouse SPINK4 Protein (Fc Tag) SDS-PAGE