

Mouse PILR-alpha / PILRA Protein (His Tag)

Catalog Number: 50234-M08H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

AV021745; FDF03

Protein Construction:

A DNA sequence encoding the mouse PILRA (NP_705730.1) extracellular domain (Met 1-Val 197) was fused with a polyhistidine tag at the C-terminus.

Source: Mouse

Expression Host: HEK293 Cells

QC Testing

Purity: > 97 % as determined by SDS-PAGE

Bio Activity:

Measured by its binding ability in a functional ELISA . Immobilized recombinant mouse PILRA at 20 µg/ml (100 µl/well) can bind mouse CD99 . The EC₅₀ of mouse CD99 is 1.55 µg/ml.

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: Glu 32

Molecular Mass:

The recombinant mouse PILRA consists of 177 amino acids and has a predicted molecular mass of 20.2 kDa. As a result of glycosylation, the apparent molecular mass of rm PILRA is approximately 35-45 kDa in SDS-PAGE under reducing conditions.

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:

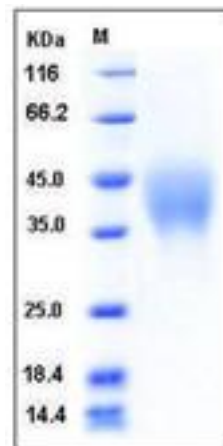
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

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