Rat CHODL / Chondrolectin Protein (Fc Tag)

Catalog Number: **80396-R02H**

Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

C21orf68; MT75; PRED12; 3110074E07Rik; MT75; PRED12

Protein Construction:

A DNA sequence encoding the rat CHODL (D3ZI86) (Met1-Asn216) was expressed, fused with the Fc region of human IgG1 at the C-terminus.

Source: Rat

Expression Host: Human Cells

QC Testing

Purity: > 95 % 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 ℃

Predicted N terminal: Arg 22

Molecular Mass:

The recombinant rat CHODL/Fc is a disulfide-linked homodimer. The reduced monomer comprises 436 amino acids and has a predicted molecular mass of 48.9 kDa. The apparent molecular mass of the protein is approximately 60 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:

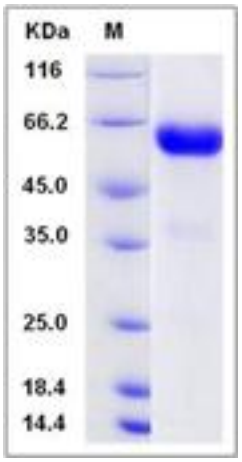
Store it under sterile conditions at -20℃ to -80℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

1.Weng L, *et al.* (2003) A novel alternative spliced chondrolectin isoform lacking the transmembrane domain is expressed during T cell maturation. J Biol Chem. 278(21): 19164-70.
2.Masuda K, *et al.* (2011) Chondrolectin is a novel diagnostic biomarker and a therapeutic target for lung cancer. Clin Cancer Res. 17(24): 7712-22.
3.Weng L, *et al.* (2002) Molecular cloning and characterization of human chondrolectin, a novel type I transmembrane protein homologous to C-type lectins. Genomics. 80(1): 62-70.