SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

NativeExtract™ Human CD63 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX474**
This product is for research use only and is not intended for diagnostic use.

This product is recombinant Human CD63 protein in native nanodisc form. The synthetic compound we developed can solubilize the CD63 protein from membrane while retaining the native structure.

Product Specifications

Host Species
Human

Target Protein
CD63

Protein Length
Full length

Molecular Weight
25.6 kDa

Sequence
Accession # P08962

Product Description

Activity
Yes

Application
ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems
HEK293 expression system

Tag
Flag tag at the C-terminus

Protein Format
Native Nanodisc

Form
Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -80°C.

Target

Target Protein

CD63

Full Name

CD63 molecule

Introduction

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms.

Alternative Names

CD63; MLA1; ME491; LAMP-3; OMA81H; TSPAN30; CD63 antigen; CD63 antigen (melanoma 1 antigen); granulophysin; lysosomal-associated membrane protein 3; lysosome-associated membrane glycoprotein 3; melanoma-associated antigen ME491; melanoma-associated antigen MLA1; ocular melanoma-associated antigen; tetraspanin-30; tspan-30; CD63 molecule

Gene ID

967

UniProt ID

P08962

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