

Recombinant Mouse CD63 Protein

Catalog No.: RP03514

Sequence Information

Species **Gene ID**
Human 12512

Swiss Prot **Tags**
P41731 NO-Tag

Synonyms
Cd63, CD63 antigen, CD63

Product Information

Source **Purification**
HEK293 Cells ≥ 90 % as
 determined by
 SDS-PAGE.

Calculated MW **Observed MW**
11.5 kDa 10–25 kDa

Endotoxin
< 1 EU/μg of the protein by LAL
method.

Formulation
Lyophilized from sterile PBS, pH
7.4. Please contact us for any
concerns or special requirements.
Normally 5 % – 8 % trehalose,
mannitol and 0.01% Tween80 are
added as protectants before
lyophilization.

Reconstitution

Background

Plays a role in the activation of ITGB1 and integrin signaling, leading to the activation of AKT, FAK/PTK2 and MAP kinases. Promotes cell survival, reorganization of the actin cytoskeleton, cell adhesion, spreading and migration, via its role in the activation of AKT and FAK/PTK2. Plays a role in VEGFA signaling via its role in regulating the internalization of KDR/VEGFR2. Plays a role in intracellular vesicular transport processes, and is required for normal trafficking of the PMEL luminal domain that is essential for the development and maturation of melanocytes. Plays a role in the adhesion of leukocytes onto endothelial cells via its role in the regulation of SELP trafficking. May play a role in mast cell degranulation in response to Ms4a2 /FcεRI stimulation, but not in mast cell degranulation in response to other stimuli.

Basic Information

Description

Recombinant Mouse CD63 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala103–Ile203) of Mouse CD63 (Accession #NP_031679.1) fused with No tag .

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

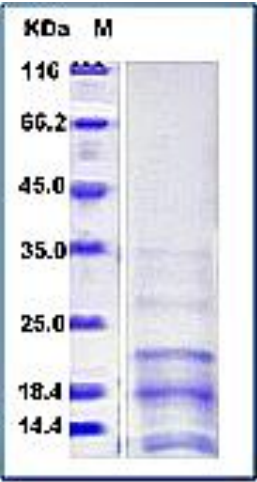
Contact

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Validation Data



Recombinant Mouse CD63 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.