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Datasheet for ABIN7275251

MFGE8 Protein (AA 23-463) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	MFGE8
Protein Characteristics:	AA 23-463
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MFGE8 protein is labelled with His tag.

Product Details

Purpose:	Mouse MFGE-8 Protein
Sequence:	Ala23-Cys463
Characteristics:	Recombinant Mouse MFGE-8 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Ala23-Cys463.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	MFGE8
Alternative Name:	MFGE-8 (MFGE8 Products)

Target Details

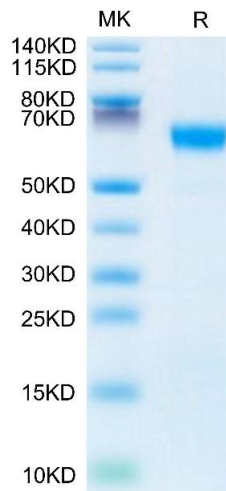
Background:	MFGE8 (Milk Fat Globule EGF And Factor V/VIII Domain Containing) is a Protein Coding gene. Diseases associated with MFGE8 include Anal Paget's Disease and Topographical Agnosia. Among its related pathways are Activated PKN1 stimulates transcription of AR (androgen receptor) regulated genes KLK2 and KLK3 and Extracellular vesicle-mediated signaling in recipient cells. This protein plays an important role in the maintenance of intestinal epithelial homeostasis and the promotion of mucosal healing.
Molecular Weight:	50.1 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,-2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Mouse MFGE-8 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .