## .-online.com antibodies

# Datasheet for ABIN7275252 MFI2 Protein (AA 20-709) (His tag)

2 Images



#### Overview

Quantity:	100 µg
Target:	MFI2
Protein Characteristics:	AA 20-709
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MFI2 protein is labelled with His tag.

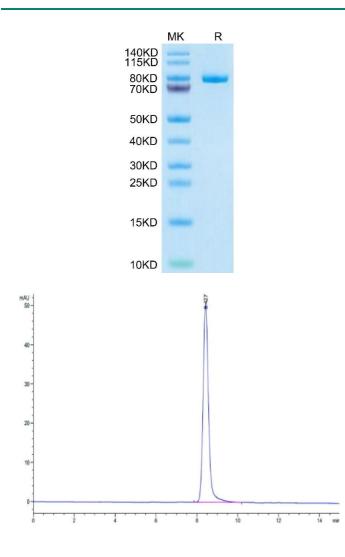
### Product Details

Purpose:	Human CD228/MFI2 Protein
Sequence:	Gly20-Cys709
Characteristics:	Recombinant Human CD228/MFI2 Protein is expressed from HEK293 with His tag at the C- Terminus.It contains Gly20-Cys709.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Target Details	

Target:	MFI2
Alternative Name:	CD228 (MFI2 Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7275252 | 01/18/2024 | Copyright antibodies-online. All rights reserved.

Target Details	
Background:	Melanotransferrin is typically overexpressed in melanoma cells compared to other cell types - including cancer cells - and is efficiently sorted and secreted with nanovesicles, or so-called exosomes, due to its membrane-anchoring by a glycosylphosphatidylinositol. Melanotransferrin is exposed on the surface of exosomes and is accessible for antibody recognition.
Molecular Weight:	76.60 kDa. Due to glycosylation, the protein migrates to 78-88 kDa based on Tris-Bis PAGE result.
Pathways:	Transition Metal Ion Homeostasis, Cell-Cell Junction Organization
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu$ g/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.** Human CD228 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

## Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Human CD228 is greater than 95 % as determined by SEC-HPLC.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7275252 | 01/18/2024 | Copyright antibodies-online. All rights reserved.