

Datasheet for ABIN7274463
DDR2 Protein (AA 22-399) (His tag)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	DDR2
Protein Characteristics:	AA 22-399
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDR2 protein is labelled with His tag.

Product Details

Purpose:	Mouse DDR2 Protein
Sequence:	Lys22-Arg399
Characteristics:	Recombinant Mouse DDR2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Lys22-Arg399.
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:	DDR2
Alternative Name:	DDR2 (DDR2 Products)

Target Details

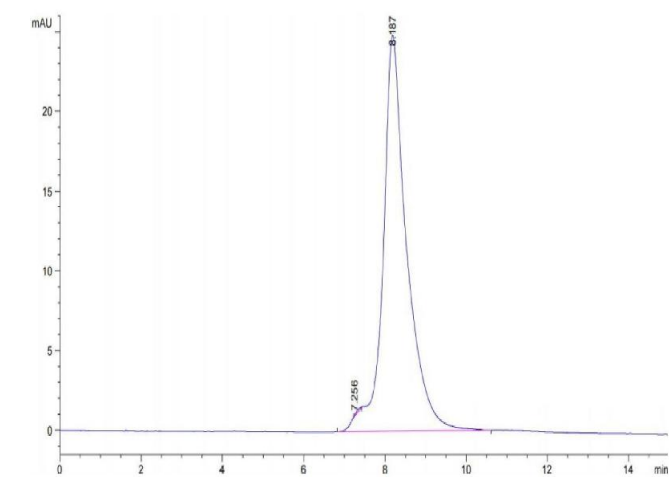
Background:	Discoidin domain receptor (DDR) 2 is a collagen receptor that is implicated in several cancer types including breast and prostate cancers. DDR2 might be closely associated with ovarian cancer progression and metastasis. Its high expression may serve as a potential prognostic biomarker in human ovarian cancer.
Molecular Weight:	43.72 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
UniProt:	Q62371
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only
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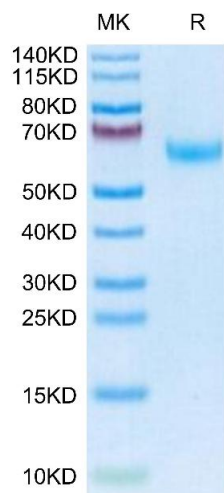
Handling

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



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Mouse DDR2 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Mouse DDR2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .