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CD36 Protein (CD36) (AA 30-439) (His tag)





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| Quantity: | 100 μg |
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| Target: | CD36 |
| Protein Characteristics: | AA 30-439 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CD36 protein is labelled with His tag. |

Product Details

| Purpose: | Mouse CD36/SR-B3 Protein |
|------------------|--|
| Sequence: | Gly30-Lys439 |
| Characteristics: | Recombinant Mouse CD36/SR-B3 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Gly30-Lys439. |
| 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: | CD36 |
|-------------------|----------------------|
| Alternative Name: | CD36 (CD36 Products) |

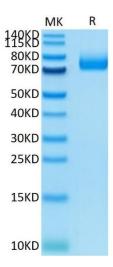
Target Details

| Background: | CD36 (cluster of differentiation 36), also known as platelet glycoprotein 4, is a protein that in |
|-------------------|--|
| | humans is encoded by the CD36 gene. The CD36 antigen is an integral membrane protein |
| | found on the surface of many cell types in vertebrate animals. It imports fatty acids inside cells |
| | and is a member of the class B scavenger receptor family of cell surface proteins. |
| Molecular Weight: | 47.2 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Tris-Bis PAGE result. |
| UniProt: | Q08857 |
| Pathways: | TLR Signaling, Peptide Hormone Metabolism, Response to Growth Hormone Stimulus, |
| | Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, |
| | Regulation of Lipid Metabolism by PPARalpha, Positive Regulation of Immune Effector Process, |
| | Production of Molecular Mediator of Immune Response, Hepatitis C, Toll-Like Receptors |
| | Cascades, Lipid Metabolism, S100 Proteins |

Application Details

Handling

| Format: | Lyophilized |
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| Reconstitution: | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ 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. Mouse CD36 on Tris-Bis PAGE under reduced condition. The purity is greater than $95\,\%$.