

Datasheet for ABIN2714419

Adiponectin Receptor 1 Protein (ADIPOR1) (Transcript Variant 1) (Myc-DYKDDDK Tag)



Go to Product pag

1 Image

| Overview | |
|-------------------------------|--|
| Quantity: | 20 μg |
| Target: | Adiponectin Receptor 1 (ADIPOR1) |
| Protein Characteristics: | Transcript Variant 1 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Adiponectin Receptor 1 protein is labelled with Myc-DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |
| Product Details | |
| Characteristics: | Recombinant human Adiponectin Receptor 1 (transcript variant 1) protein expressed in |
| | HEK293 cells. • Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |
| Target Details | |
| Target: | Adiponectin Receptor 1 (ADIPOR1) |
| Alternative Name: | Adiponectin Receptor 1 (ADIPOR1 Products) |
| Background: | This gene encodes a protein which acts as a receptor for adiponectin, a hormone secreted by |
| | adipocytes which regulates fatty acid catabolism and glucose levels. Binding of adiponectin to |
| | the encoded protein results in activation of an AMP-activated kinase signaling pathway which |

Target Details

| | affects levels of fatty acid oxidation and insulin sensitivity. A pseudogene of this gene is located on chromosome 14. Multiple alternatively spliced transcript variants have been found for this gene. |
|-------------------|--|
| Molecular Weight: | 42.4 kDa |
| NCBI Accession: | NP_057083 |
| Pathways: | AMPK Signaling |

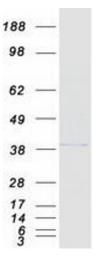
Application Details

| Application Notes: | Recombinant human proteins can be used for: |
|--------------------|--|
| | Native antigens for optimized antibody production |
| | Positive controls in ELISA and other antibody assays |
| Comment: | The tag is located at the C-terminal. |
| Restrictions: | For Research Use only |

Handling

| Concentration: | 50 μg/mL |
|------------------|---|
| Buffer: | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol. |
| Storage: | -80 °C |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

Images



Western Blotting

Image 1. Validation with Western Blot