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# FDFT1 Protein (Myc-DYKDDDDK Tag)



Image



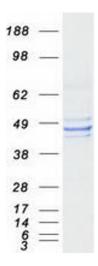
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|--------|----|----|----|-------------|---|
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| Quantity:                     | 20 μg   |  |
|-------------------------------|---|--|
| Target:                       | FDFT1   |  |
| Origin:                       | Human   |  |
| Source:                       | HEK-293 Cells   |  |
| Protein Type:                 | Recombinant   |  |
| Purification tag / Conjugate: | This FDFT1 protein is labelled with Myc-DYKDDDDK Tag.   |  |
| Application:                  | Antibody Production (AbP), Standard (STD)   |  |
| Product Details               |   |  |
| Characteristics:              | <ul> <li>Recombinant human Squalene synthetase protein expressed in HEK293 cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>   |  |
| Purity:                       | > 80 % as determined by SDS-PAGE and Coomassie blue staining  |  |
| Target Details                |   |  |
| Target:                       | FDFT1   |  |
| Alternative Name:             | Squalene Synthetase (FDFT1 Products)  |  |
| Background:                   | This gene encodes a membrane-associated enzyme located at a branch point in the mevalonate pathway. The encoded protein is the first specific enzyme in cholesterol biosynthesis, catalyzing the dimerization of two molecules of farnesyl diphosphate in a two-step reaction to form squalene. |  |
| Molecular Weight:             | 47.9 kDa  |  |

#### **Target Details**

| rarget Details      |   |  |
|---------------------|---|--|
| NCBI Accession:     | NP_004453   |  |
| Pathways:           | Regulation of Lipid Metabolism by PPARalpha   |  |
| 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