

Datasheet for ABIN7547041

DGAT2L6 Protein (AA 1-337) (His tag)[Go to Product page](#)

Overview

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| Quantity: | 1 mg |
| Target: | DGAT2L6 |
| Protein Characteristics: | AA 1-337 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This DGAT2L6 protein is labelled with His tag. |

Product Details

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| Purpose: | Custom-made recombinant DGAT2L6 Protein expressed in mammalian cells. |
| Sequence: | MAFFSRLNLQ EGLQTFVVLQ WIPVYIFLGA IPILLIPYFL LFSKFWPLAV LSLAWLTYDW NTHSQGRRS AWVRNWTLWK YFRNYFPVKL VKTHDLSPKH NYIIANHPHG ILSFGVFINF ATEATGIARI FPSITPFVGT LERIFWIPIV REYVMSMGVC PVSSSALKYL LTQKGSNAV VIVVGGAAEA LLCRPGASTL FLKQRKGFVK MALQTGAYLV PSYSFGENEV FNQETFPEGT WLRLFQKTFQ DTFKKILGLN FCTFHGRGFT RGSWGFLPFN RPITTVVGEP LPIPRIKRPN QKTVDKYHAL YISALRKLFD QHKVEYGLPE TQELTIT Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us. |
| Specificity: | If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer. |
| Characteristics: | Key Benefits: |

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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| Purity: | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC) |
| Grade: | custom-made |

Target Details

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| Target: | DGAT2L6 |
| Alternative Name: | DGAT2L6 (DGAT2L6 Products) |
| Background: | Diacylglycerol O-acyltransferase 2-like protein 6 (EC 2.3.1.-) (Diacylglycerol O-acyltransferase candidate 3) (hDC3),FUNCTION: Diglyceride acyltransferase that uses fatty acyl-CoA as substrate (PubMed:15671038). Particularly active with oleate as a substrate (PubMed:15671038). Has no wax synthase activity to produce wax esters (PubMed:15671038). Able to use 1-monoalkylglycerol (1-MAkG) as an acyl acceptor for the synthesis of monoalkyl-monoacylglycerol (MAMAG) (PubMed:28420705). {ECO:0000269 PubMed:15671038, ECO:0000269 PubMed:28420705}. |
| Molecular Weight: | 38.6 kDa |
| UniProt: | Q6ZPD8 |

Application Details

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| Application Notes: | We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though. |
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Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months