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## **ECAT1 Protein (Myc-DYKDDDDK Tag)**



Image



Go to Product page

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|-------------------------------|---|--|
| Quantity:                     | 20 μg   |  |
| Target:                       | ECAT1 (KHDC3L)  |  |
| Origin:                       | Human   |  |
| Source:                       | HEK-293 Cells   |  |
| Protein Type:                 | Recombinant   |  |
| Purification tag / Conjugate: | This ECAT1 protein is labelled with Myc-DYKDDDDK Tag.   |  |
| Application:                  | Antibody Production (AbP), Standard (STD)   |  |
| Product Details               |   |  |
| Characteristics:              | Recombinant human Chromosome 6 open reading frame 221 (C6orf221) 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:                       | ECAT1 (KHDC3L)  |  |
| Alternative Name:             | Chromosome 6 Open Reading Frame 221 (c6orf221) (KHDC3L Products)                                    |  |
| Background:                   | The protein encoded by this gene belongs to the KHDC1 family, members of which contain an           |  |
|                               | atypical KH domain that may not bind RNA like canonical KH domains. This gene is specifically       |  |
|                               | expressed in the oocytes, and recent studies suggest that it may function as a regulator of         |  |
|                               | genomic imprinting in the oocyte. Mutations in this gene are associated with recurrent              |  |

### **Target Details**

|                   | biparental complete hydatidiform mole. |
|-------------------|--|
| Molecular Weight: | 24.1 kDa                               |
| NCBI Accession:   | NP_001017361                           |

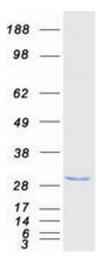
## **Application Details**

| 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