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# Product datasheet for TP315631M

## Ecat1 (KHDC3L) (NM_001017361) Human Recombinant Protein

### Product data:

| | |
|---|---|
| **Product Type:** | Recombinant Proteins |
| **Description:** | Recombinant protein of human chromosome 6 open reading frame 221 (C6orf221), 100 µg |
| **Species:** | Human |
| **Expression Host:** | HEK293T |
| **Expression cDNA Clone or AA Sequence:** | >RC215631 representing NM_001017361<br>Red=Cloning site Green=Tags(s)<br><br>MDAPRRFPTLVQLMQPKAMPVEVLGHLPKRFSWFHSEFLKNPKVVRLEVWLVEKIFGRGGERIPHVQGM<br>S<br>QILIHVNRLDPNGEAEILVFGRPSYQEDTIKMIMNLADYHRQLQAKGSGKALAQDVATQKAETQRSSIEV<br>REAGTQRSVEVREAGTQRSVEVQEVGTQGSPVEVQEAGTQQSLQAANKSGTQRSPEAASKAVTQRFREDA<br>RDPVTRL<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Tag:** | C-Myc/DDK |
| **Predicted MW:** | 24.1 kDa |
| **Concentration:** | >0.05 µg/µL as determined by microplate BCA method |
| **Purity:** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Buffer:** | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| **Preparation:** | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| **Note:** | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| **Storage:** | Store at -80°C. |
| **Stability:** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **RefSeq:** | NP_001017361 |
| **Locus ID:** | 154288 |

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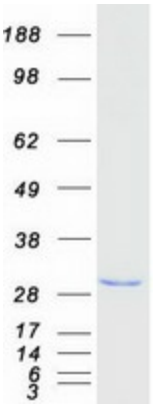
|---|---|
| **UniProt ID:** | Q587J8 |
| **RefSeq Size:** | 1063 |
| **Cytogenetics:** | 6q13 |
| **RefSeq ORF:** | 651 |
| **Synonyms:** | C6orf221; ECAT1; HYDM2 |
| **Summary:** | The protein encoded by this gene belongs to the KHDC1 family, members of which contain an atypical KH domain that may not 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 biparental complete hydatidiform mole. [provided by RefSeq, Dec 2011] |

## Product images:




Coomassie blue staining of purified KHDC3L protein (Cat# [TP315631]). The protein was produced from HEK293T cells transfected with KHDC3L cDNA clone (Cat# [RC215631]) using MegaTran 2.0 (Cat# [TT210002]).