# Recombinant Mouse Khdc3 Protein, Myc/DDK-tagged

**Cat. No.** Khdc3-3687M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Purified recombinant protein of mouse full-length KH domain containing 3, subcortical maternal complex member (Khdc3), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| **Species** | Mouse |
| **Source** | HEK293 |
| **Description** | Required for maintenance of euploidy during cleavage-stage embryogenesis. Ensures proper spindle assembly by regulating the localization of AURKA via RHOA signaling and of PLK1 via a RHOA-independent process. Required for the localization of MAD2L1 to kinetochores to enable spindle assembly checkpoint function. Capable of binding RNA. |
| **Molecular Mass** | 48 kDa |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Stability** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **Storage** | Store at -80 centigrade after receiving vials. |
| **Concentration** | >50 μg/mL as determined by microplate BCA method |

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| **Storage Buffer** | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

## GENE INFORMATION

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| **Gene Name** | Khdc3 KH domain containing 3, subcortical maternal complex member [ Mus musculus (house mouse) ] |
| **Official Symbol** | Khdc3 |
| **Synonyms** | Khdc3; KH domain containing 3, subcortical maternal complex member; F; ecat; FILIA; OEEP48; AI467128; 2410004A20Rik; KH domain-containing protein 3; protein Filia |
| **Gene ID** | 66991 |
| **mRNA Refseq** | NM_025890 |
| **Protein Refseq** | NP_080166 |
| **UniProt ID** | Q9CWU5 |

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