

Recombinant Mouse Khdc3 Protein, Myc/DDK-tagged

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

SPECIFICATION

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

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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