# Recombinant Mouse Dnaaf2 Protein, MYC/DDK-tagged

**Cat. No.** Dnaaf2-400M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Purified recombinant protein of full-length mouse dynein, axonemal assembly factor 2 (Dnaaf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| **Species** | Mouse |
| **Source** | HEK293 |
| **Description** | This gene encodes a highly conserved protein involved in the preassembly of dynein arm complexes which power cilia. These complexes are found in some cilia and are assembled in the cytoplasm prior to transport for cilia formation. Mutations in the human gene have been associated with primary ciliary dyskinesia. |
| **Molecular Mass** | 88.8 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 ug/mL as determined by microplate BCA method |
| **Storage Buffer** | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

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## GENE INFORMATION

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| **Gene Name** | Dnaaf2 dynein, axonemal assembly factor 2 [ Mus musculus (house mouse) ] |
| **Official Symbol** | Dnaaf2 |
| **Synonyms** | Dnaaf2; dynein, axonemal assembly factor 2; Ktu; TU54; mknt; kintoun; protein kintoun; dynein assembly factor 2, axonemal |
| **Gene ID** | 109065 |
| **mRNA Refseq** | NM_027269 |
| **Protein Refseq** | NP_081545 |
| **UniProt ID** | Q8BPI1 |

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