

Recombinant Mouse Dnal4 Protein, Myc/DDK-tagged

Cat. No. Dnal4-2613M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dynein, axonemal, light chain 4 (Dnal4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Force generating protein of respiratory cilia. Produces force towards the minus ends of microtubules. Dynein has ATPase activity.
Molecular Mass	12 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	DnaI4 dynein, axonemal, light chain 4 [Mus musculus (house mouse)]
Official Symbol	DnaI4
Synonyms	DnaI4; dynein, axonemal, light chain 4; Dna; Dnalc4; D15Ertd424; D15Ertd424e; dynein light chain 4, axonemal; dynein, axon, light chain 4; outer arm dynein light chain 4
Gene ID	54152
mRNA Refseq	NM_017470
Protein Refseq	NP_059498
UniProt ID	Q9DCM4

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