

Recombinant Mouse Klc4 Protein, Myc/DDK-tagged

Cat. No. Klc4-3700M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length kinesin light chain 4 (cDNA clone MGC:11935 IMAGE:3599898), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Kinesin is a microtubule-associated force-producing protein that may play a role in organelle transport. The light chain may function in coupling of cargo to the heavy chain or in the modulation of its ATPase activity.
Molecular Mass	38.2 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Klc4 kinesin light chain 4 [Mus musculus (house mouse)]
Official Symbol	Klc4
Synonyms	Klc4; kinesin light chain 4 [Mus musculus (house mouse)]; Kn; Knsl8; AA408085; AW146303; 1200014P03Rik; kinesin light chain 4; KLC 4; kinesin-like 8; kinesin-like protein 8
Gene ID	74764
mRNA Refseq	NM_029091
Protein Refseq	NP_083367
UniProt ID	Q9DBS5

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