

Recombinant Mouse Ly6h Protein, Myc/DDK-tagged

Cat. No. Ly6h-3871M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length lymphocyte antigen 6 complex, locus H (Ly6h), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Believed to act as modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro inhibits alpha-3:beta-4-containing nAChRs maximum response. In vitro inhibits alpha-3:beta-4-containing nAChRs maximum response. May play a role in the intracellular trafficking of alpha-7-containing nAChRs and may inhibit their expression at the cell surface. Seems to inhibit alpha-7/CHRNA7 signaling in hippocampal neurons.
Molecular Mass	17 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 Ly6h lymphocyte antigen 6 complex, locus H [*Mus musculus* (house mouse)]

Official Symbol Ly6h

Synonyms LY6H; lymphocyte antigen 6 complex, locus H; lymphocyte antigen 6H; ly-6H

Gene ID 23934

mRNA Refseq NM_001135689

Protein Refseq NP_001129161

UniProt ID Q9WUC3

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