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Product datasheet for TP501238

Ly6h (NM_001135689) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse lymphocyte antigen 6 complex, locus H (Ly6h), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201238 protein sequence Red=Cloning site Green=Tags(s) MPAPQRTPACSPRASFRPYRSMLPAAMKSLGLALLALLLCPSPAHGLWCQDCTLANSSHCAPKQCQPTDT VCASVRITDPSSSRKDHSVNKMCASSCDFVKRHFFSDYLMGFINSGILKVDVDCCEKDLCNGASVAGRSP WALAGGLLLSLGPALLWAGP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	17 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001129161
Locus ID:	23934
UniProt ID:	Q9WUC3, Q8K356, Q544M1
RefSeq Size:	937
Cytogenetics:	15 D3

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RefSeq ORF: 483

Summary: 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 (PubMed:26276394). May play a role in the intracellular trafficking of alpha-7-containing nAChRs and may inhibit their expression at the cell surface (PubMed:25716842). Seems to inhibit alpha-7/CHRNA7 signaling in hippocampal neurons (By similarity).[UniProtKB/Swiss-Prot Function]