

Product datasheet for **TP305136M**

LY6H (NM_002347) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human lymphocyte antigen 6 complex, locus H (LY6H), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205136 protein sequence Red =Cloning site Green =Tags(s)
	 MLPAAMKGLGLALLAVLLCSAPAHGLWCQDCTLTNSSHCTPKQCQPSDTVCSVRITDPSSSRKDHSVN KMCASSCDFVKRHHFFSDYLMGFINSGLKVDVDCCEKDLNCGAAGAGHSPWALAGLLLLSLGPALLWAGP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	14.5 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<u>NP_002338</u>
Locus ID:	4062
UniProt ID:	<u>O94772</u>
RefSeq Size:	950



[View online »](#)

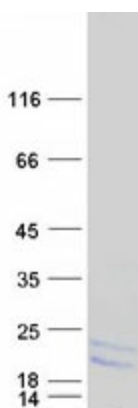
Cytogenetics: 8q24.3

RefSeq ORF: 420

Synonyms: NMLY6

Summary: Believed to act as a modulator of nicotinic acetylcholine receptors (nAChRs) activity. 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. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified LY6H protein (Cat# [TP305136]). The protein was produced from HEK293T cells transfected with LY6H cDNA clone (Cat# [RC205136]) using MegaTran 2.0 (Cat# [TT210002]).