

## Product datasheet for **TP305136**

### 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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205136 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MLPAAMKGLGLALLAVLLCSAPAHGLWCQDCTLTNSSHCTPKQCQPSDTVCSVRITDPSSSRKDHSVN KMCASSCDFVKRHHFFSDYLMGFINSGLKVDVDCCEKDLNCGAAGAGHSPWALAGLLLLSLGPALLWAGP  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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:	<a href="#">NP_002338</a>
Locus ID:	4062
UniProt ID:	<a href="#">O94772</a>
RefSeq Size:	950



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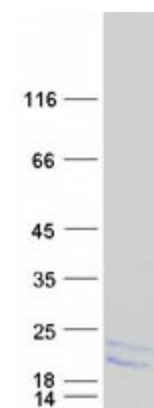
Cytogenetics: 8q24.3

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]).