

## Product datasheet for PH305136

### LY6H (NM\_002347) Human Mass Spec Standard

#### Product data:

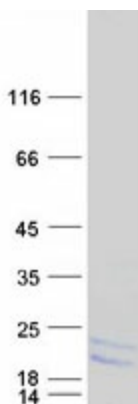
Product Type:	Mass Spec Standards
Description:	LY6H MS Standard C13 and N15-labeled recombinant protein (NP_002338)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205136
Predicted MW:	14.7 kDa
Protein Sequence:	>RC205136 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MLPAAMKGLGLALLAVLLCSAPAHGLWCQDCTLTTNSSHCTPKQCQPSDTVCASVRITDPSSSRKDHSVN KMCASSCDFVKRHHFFSDYLMGFINSGILKVDVDCCEKDLNCGAAGAGHSPWALAGLLLLSLGPALLWAGP  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_002338</a>
RefSeq Size:	950
RefSeq ORF:	420
Synonyms:	NMLY6
Locus ID:	4062
UniProt ID:	<a href="#">O94772</a>
Cytogenetics:	8q24.3



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**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]).