PRODUCT INFORMATION

Target	LY6H
Synonyms	NMLY6
Description	Recombinant Human LY6H Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	O94772
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	LY6H(Leu26-Gly115) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 36.0 kDa after removal of the signal peptide. The apparent molecular mass of LY6H-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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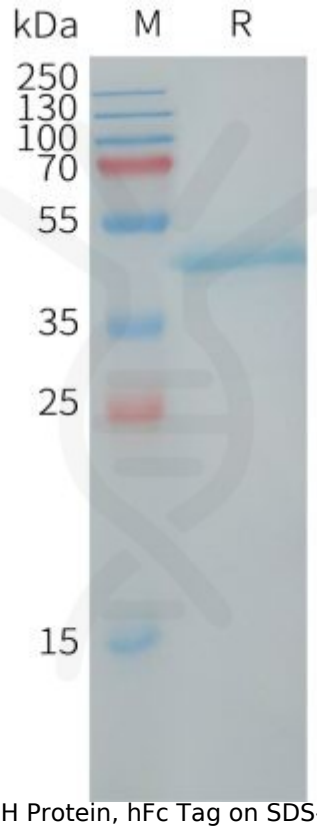


Figure 1.Human LY6H Protein, hFc Tag on SDS-PAGE under reducing condition.

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