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## Datasheet for ABIN7318745 LY6H Protein (His tag)

### Overview

Quantity:	50 µg
Target:	LY6H
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LY6H protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human LY6H Protein (His Tag)
Sequence:	Leu26-Gly115
Characteristics:	Recombinant Human Lymphocyte Antigen 6H is produced by our Mammalian expression system and the target gene encoding Leu26-Gly115 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	LY6H
Alternative Name:	LY6H ( <a href="#">LY6H Products</a> )
Background:	Background: Lymphocyte Antigen 6H (LY6H) is a novel member of the LY6 family of glycosylphosphatidylinositol-anchored cell surface glycoproteins. LY6H contains one UPAR/Ly6

## Target Details

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domain. Human LY6H is synthesized as a 140 amino acid precursor that contains a 25 amino acid signal sequence, 20 amino acid propeptide that is removed in the mature form, and a 90 amino acid mature chain. LY6H is highly expressed in the brain (cerebral cortex, amygdala, hippocampus and subthalamic nucleus) and in acute human leukemic cell line MOLT-3. It is also found in lower levels in testis, pancreas, small intestine and colon. It has been shown that LY6H may play a role in both the central nervous system and the immune system.

Synonym: Lymphocyte Antigen 6H, Ly-6H, LY6H

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Molecular Weight: 10.9 kDa

UniProt: [O94772](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.