

Recombinant Human LY6H, His-tagged

Cat. No. LY6H-131H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Lymphocyte Antigen 6H/LY6H is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Leu26-Gly115) of Human LY6H fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	26-115 a.a.
Description	Lymphocyte Antigen 6H (LY6H) is a novel member of the LY6 family of glycosylphosphatidylinositol-anchored cell surface glycoproteins. LY6H contains one UPAR/Ly6 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.
AA Sequence	LWCQDCTLTNSSHCTPKQCQPSDTVCAVRITDPSSSRKDHSVNMKMCASSCDFV KRHFFSDYLM GFINSGLKVDVDCCEKDLCNGAAGLDHHHHHH
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).

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Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
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GENE INFORMATION

Gene Name	LY6H lymphocyte antigen 6 complex, locus H [Homo sapiens]
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Official Symbol	LY6H
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Synonyms	LY6H; lymphocyte antigen 6 complex, locus H; lymphocyte antigen 6H; NMLY6; ly-6H;
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Gene ID	4062
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mRNA Refseq	NM_001130478
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Protein Refseq	NP_001123950
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MIM	603625
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UniProt ID	O94772
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Chromosome Location	8q24.3
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