

Recombinant Human LYPD1, His-tagged

Cat. No. LYPD1-132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Ly6/PLAUR Domain-Containing Protein 1/LYPD1 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Leu21-Ser117) of Human LYPD1 fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	21-117 a.a.
Description	Ly6/PLAUR Domain-Containing Protein 1 (LYPD1) is a cell membrane protein which contains one UPAR/Ly6 domain. LYPD1 preproprecursor is a 141 amino acids which contains a signal sequence (amino acids 1-20), a mature region (amino acids 21-117), and a propeptide (amino acids 118-141) that is cleaved from the preproprecursor. LYPD1 is expressed on postmitotic neurons in multiple locations, and it performs multiple functions. In addition, LYPD1 is a GPI-anchored protein.
AA Sequence	LQIQCYQCEEFQLNNDCSSPEFIVNCTVNVQDMCQKEVMEQSAGIMYRKSCASSAA CLIASAGYQ SFCSPGKLNSVCISCCNTPLCNGPRPKKRGSSVDHHHHHH
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by reducing SDS-PAGE.

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GENE INFORMATION

Gene Name	LYPD1 LY6/PLAUR domain containing 1 [Homo sapiens]
Official Symbol	LYPD1
Synonyms	LYPD1; LY6/PLAUR domain containing 1; LYPDC1; ly6/PLAUR domain-containing protein 1; MGC29643; putative HeLa tumor suppressor; PHTS; FLJ41033;
Gene ID	116372
mRNA Refseq	NM_001077427
Protein Refseq	NP_001070895
MIM	610450
UniProt ID	Q8N2G4
Chromosome Location	2q21.2

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