

Recombinant Human SPHK1 protein, Flag-tagged, Biotinylated

Cat. No. SPHK1-77H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPHK1 [1-384(end) amino acids of accession number NP_001136074.1] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	1-384 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	46 kDa
Purity	>90% as determined by SDS-PAGE and CBB staining
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Conjugation	Biotin

GENE INFORMATION

Gene Name	SPHK1 sphingosine kinase 1 [Homo sapiens]
Official Symbol	SPHK1

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Synonyms	SPHK1; sphingosine kinase 1; SPHK; SK 1; SPK 1;
Gene ID	8877
mRNA Refseq	NM_001142601
Protein Refseq	NP_001136073
MIM	603730
UniProt ID	Q9NYA1
Chromosome Location	17q25.2
Pathway	Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Fc gamma R-mediated phagocytosis, organism-specific biosystem; Fc gamma R-mediated phagocytosis, conserved biosystem; Fc-epsilon receptor I signaling in mast cells, organism-specific biosystem;
Function	ATP binding; D-erythro-sphingosine kinase activity; DNA binding; calmodulin binding; diacylglycerol kinase activity; magnesium ion binding; magnesium ion binding; nucleotide binding; protein binding; protein phosphatase 2A binding; sphinganine kinase activity; transferase activity;

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