

Recombinant Human SPHK2 protein, Flag-tagged, Biotinylated

Cat. No. SPHK2-78H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPHK2 [1-618(end) amino acids of accession number NP_001191089.1] fused with DYKDDDDK tag at N-terminal was expressed in insect cell and biotinylated.
Species	Human
Source	Insect Cells
ProteinLength	1-618 a.a.
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Molecular Mass	69 kDa
Purity	>80% 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	SPHK2 sphingosine kinase 2 [Homo sapiens]
Official Symbol	SPHK2

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Synonyms	SPHK2; sphingosine kinase 2; sphingosine kinase type 2; SK 2; SK-2; SPK 2; SPK-2;
Gene ID	56848
mRNA Refseq	NM_001204158
Protein Refseq	NP_001191087
MIM	607092
UniProt ID	Q9NRA0
Chromosome Location	19q13.2
Pathway	Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Ceramide signaling pathway, organism-specific biosystem; Fc gamma R-mediated phagocytosis, organism-specific biosystem; Fc gamma R-mediated phagocytosis, conserved biosystem; IL12-mediated signaling events, organism-specific biosystem; Metabolic pathways, organism-specific biosystem;
Function	ATP binding; D-erythro-sphingosine kinase activity; Ras GTPase binding; diacylglycerol kinase activity; nucleotide binding; protein binding; sphinganine kinase activity; transferase activity;