

Recombinant Human SPHK2 protein, Flag-tagged, Biotinylated

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

SPECIFICATION

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| 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

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|------------------------|---|
| 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; |

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