Recombinant Human SPHK1, GST-tagged

Cat. No. SPHK1-2915H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPHK1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	37-384aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	SPHK1 sphingosine kinase 1 [Homo sapiens]
Official Symbol	SPHK1
Synonyms	SPHK1; sphingosine kinase 1; SPHK; SK 1; SPK 1;
Gene ID	8877

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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 b
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 acti

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