

## Recombinant Human SPHK1 protein, His&GST-tagged

Cat. No. SPHK1-0259H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SPHK1 protein(Q9NYA1-1)(Met1-Leu384), fused with His and GST tag, was expressed in Insect Cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-384 a.a.
<b>Form</b>	Supplied as sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10% glycerol, pH 8.0. Please contact us for any concerns or special requirements. Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The secreted recombinant human SPHK1 consists of 621 amino acids and predicts a molecular mass of 70.3 KDa. The apparent molecular mass of the protein is approximately 64 KDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Proteinlength</b>	Met1-Leu384
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

<b>Gene Name</b>	SPHK1 sphingosine kinase 1 [ Homo sapiens ]
<b>Official Symbol</b>	SPHK1
<b>Synonyms</b>	SPHK1; sphingosine kinase 1; SPHK; SK 1; SPK 1;
<b>Gene ID</b>	8877
<b>mRNA Refseq</b>	NM_001142601
<b>Protein Refseq</b>	NP_001136073
<b>MIM</b>	603730
<b>UniProt ID</b>	Q9NYA1

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