

# Active Recombinant Full Length Human SPHK1 Protein, GST-tagged

**Cat. No.** SPHK1-6385HF    **Lot. No.** (See product label)

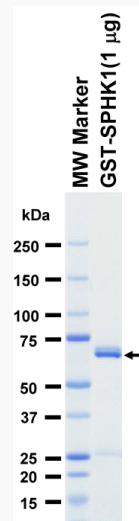
## SPECIFICATION

<b>Product Overview</b>	Full-length human SPHK1 [1-384(end) amino acids of accession number NP_001136074.1] was expressed as N-terminal GST-fusion protein (69 kDa) using baculovirus expression system. GST-SPHK1 was purified by using glutathione sepharose chromatography.
<b>Species</b>	Human
<b>Source</b>	Sf21 Cells
<b>ProteinLength</b>	1-384(end)
<b>Form</b>	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
<b>Bio-activity</b>	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.
<b>Purity</b>	91%
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Store at -80C. Avoid repeating freeze-thaws.

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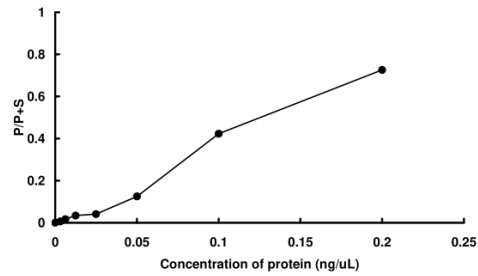
**GENE INFORMATION****Gene Name** sphingosine kinase 1**Official Symbol** SPHK1**Synonyms** SPHK1;SPHK**Protein Refseq** [NP\\_001136074.1](#)**UniProt ID** [Q9NYA1](#)**SDS-PAGE**

The purity was assessed by SDS-PAGE/CBB staining.

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**Activity data****Activity data**

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