

## Recombinant Human STYK1, GST-tagged

Cat. No. STYK1-7023H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human STYK1(NOK) (58-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>ProteinLength</b>	58 aa-end
<b>Description</b>	STYK1 is belongs to serine/threonine/tyrosine kinase 1 family which play important roles in diverse cellular and developmental processes, such as cell proliferation, differentiation, and survival. STYK1 concomitantly activate both MAP kinase and PI3K pathways in stably transfected mouse pre-B cells and STYK1 expression is elevated in 92.3% cancerous tissues in comparison with normal tissues.
<b>Form</b>	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
<b>Molecular Mass</b>	~67 kDa
<b>Purity</b>	>70%
<b>Applications</b>	Western Blot
<b>Storage</b>	Store at -70°C. For optimal storage, aliquot target into smaller quantities after

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centrifugation and store at recommended temperature. Avoid freeze/thaw cycles.

**Concentration** 0.1 µg/µl

## GENE INFORMATION

**Gene Name** [STYK1 serine/threonine/tyrosine kinase 1 \[ Homo sapiens \]](#)

**Official Symbol** STYK1

**Synonyms** STYK1; serine/threonine/tyrosine kinase 1; tyrosine-protein kinase STYK1; DKFZp761P1010; NOK; SuRTK106; protein PK-unique; novel oncogene with kinase domain;

**Gene ID** [55359](#)

**mRNA Refseq** [NM\\_018423](#)

**Protein Refseq** [NP\\_060893](#)

**MIM** [611433](#)

**UniProt ID** [Q6J9G0](#)

**Chromosome Location** 12p13.2

**Pathway** Focal Adhesion, organism-specific biosystem;

**Function** ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding;

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