

# Active Recombinant Full Length Human STK33 Protein

**Cat. No.** STK33-6724HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Full-length human STK33 [1-514(end) amino acids of accession number NP_112168.1] was expressed as N-terminal GST-fusion protein using baculovirus expression system. GST-STK33 was purified by using glutathione sepharose chromatography. GST-STK33 was cleaved by PreScission protease and GST-free STK33 (59 kDa) was collected as flow-through fraction from glutathione sepharose chromatography. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | Sf21 Cells                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 1-514(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(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.                                                                                                                                                         |
| <b>Purity</b>           | 96%                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Store at -80C. Avoid repeating freeze-thaws.                                                                                                                                                                                                                                                                                                                                                           |

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## GENE INFORMATION

**Gene Name** serine/threonine kinase 33

**Official Symbol** STK33

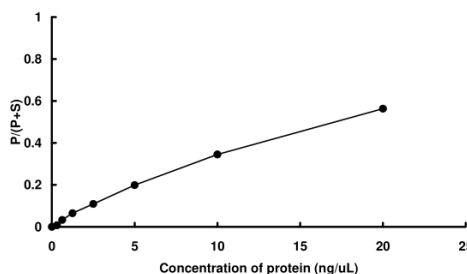
**Synonyms** STK33

**Protein Refseq** [NP\\_112168.1](#)

**UniProt ID** [Q9BYT3](#)

### Activity data

Activity data



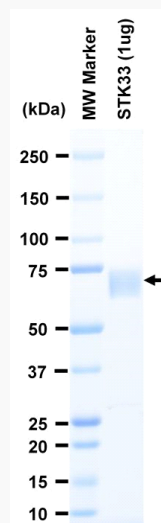
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## SDS-PAGE



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

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