

## Active Recombinant Human BRSK1 Protein, GST-tagged

Cat. No. BRSK1-349H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human BRSK1 partial ORF ( NP_115806, 289 a.a. - 380 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<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. SubstrateThe phosphorylated and unphosphorylated substrates were separated and detected by LabChip 3000. Substrate: CHKtide. ATP: 100 uM.
<b>Molecular Mass</b>	35.86 kDa
<b>AA Sequence</b>	KHEPDPCLEPAPGRRVAMRSLPSNGELDPDVLESMSALGCFRDRERLHRELRSSEE ENQEKMIIYLLLLDRKERYPSCEDQDLPPRNDVDPPrK
<b>Quality Control Test</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [BRSK1 BR serine/threonine kinase 1 \[ Homo sapiens \]](#)

**Official Symbol** [BRSK1](#)

**Synonyms** BRSK1; BR serine/threonine kinase 1; serine/threonine-protein kinase BRSK1; KIAA1811; SAD1 kinase; SAD1 homolog; protein kinase SAD1A; brain-selective kinase 1; SadB kinase short isoform; BR serine/threonine-protein kinase 1; serine/threonine-protein kinase SAD-B; synapses of Amphids Defective homolog 1; brain-specific serine/threonine-protein kinase 1; hSAD1; FLJ43009;

**Gene ID** [84446](#)

**mRNA Refseq** [NM\\_032430](#)

**Protein Refseq** [NP\\_115806](#)

**MIM** [609235](#)

**UniProt ID** [Q8TDC3](#)

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