

Active Recombinant Human BRSK1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human BRSK1 partial ORF (NP_115806, 289 a.a. - 380 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Bio-activity	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.
Molecular Mass	35.86 kDa
AA Sequence	KHEPDPCLEPAPGRRVAMRSLPSNGELDPDVLESMA SLGCFRDRERLHREL RSEE ENQEKMIYYLLLD RKERYPSCEDQDLPPRNDVDPPRK
Quality Control Test	12.5% SDS-PAGE Stained with Coomassie Blue.
Notes	Best use within three months from the date of receipt of this protein.
Storage	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](#)

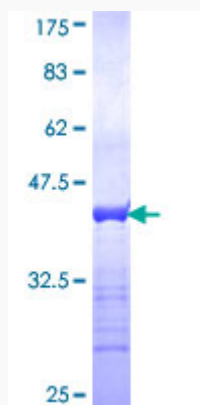
MIM [609235](#)

UniProt ID [Q8TDC3](#)

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