

Recombinant Full Length Human BRSK2 Protein, GST-tagged

Cat. No. BRSK2-3811HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BRSK2 full-length ORF (AAH24291.1, 1 a.a. - 170 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	170 amino acids
Description	The protein encoded by this gene localizes to the centrosome during mitosis and to the midbody during cytokinesis. The protein is phosphorylated by cyclin-dependent kinase 1 during mitosis and subsequently interacts with polo-like kinase 1. The protein is thought to function in regulating mitosis and cytokinesis. Mutations in this gene result in nonphotosensitive trichothiodystrophy.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	44.9 kDa
AA Sequence	MSNLTPESSPELAKKSWFGNFISLEKEEQIFVVIKDKPLSSIKADIVHAFLSIPSLSHSVI SQTSFRAEYKATGGPAVFQKPVKFQVDITYEGGEAQKENGIIYSVTFTLLSGPSRRF KRVVETIQAQLLSTHDPAAQHLSEPPPPAPGLSWGAGLKGQKVATSYESSL
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name [BRSK2 BR serine/threonine kinase 2 \[Homo sapiens \]](#)

Official Symbol [BRSK2](#)

Synonyms BRSK2; BR serine/threonine kinase 2; C11orf7, chromosome 11 open reading frame 7 , STK29; serine/threonine-protein kinase BRSK2; PEN11B; serine/threonine kinase 29; protein kinase SAD1B; brain-selective kinase 2; serine/threonine-protein kinase 29; BR serine/threonine-protein kinase 2; serine/threonine-protein kinase SAD-A; brain-specific serine/threonine-protein kinase 2; SAD1; STK29; C11orf7; FLJ41362;

Gene ID [9024](#)

mRNA Refseq [NM_001256627](#)

Protein Refseq [NP_001243556](#)

MIM [609236](#)

UniProt ID [Q8IWQ3](#)

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