

Recombinant Human BRSK1, His-tagged

Cat. No. BRSK1-27740TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 591-778 of Human BRSK1, with N terminal His tag, 188aa, 23kDa,
Species	Human
Source	E.coli
ProteinLength	591-778 a.a.
Conjugation	HIS
Tissue specificity	Widely expressed, with highest levels in brain and testis. Protein levels remain constant throughout the cell cycle.
Form	Lyophilised:reconstitution with 149 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	AKRSWFGNFISLDKEEQIFLVLKDKPLSSIKADIVHAFLS IPSLSHSHSVLSQTSFRAEYK ASGGPSVFQKPVRVFQVDISSS EGPEPSPRRDGSGGGGIYSVTFTLISGPSRRFKRV VETIQ AQLLSTHDQPSVQALADEKNGAQTRPAGAPPRSLQPPPGR PDPELSSSPR RGPPKDKKLLATNGTPLP

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Sequence Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.
Similarities AMPK subfamily.Contains 1 protein kinase domain.Contains 1 UBA domain.

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;

Gene ID [84446](#)

mRNA Refseq [NM_032430](#)

Protein Refseq [NP_115806](#)

MIM [609235](#)

Uniprot ID [Q8TDC3](#)

Chromosome Location 19q13.4

Pathway LKB1 signaling events, organism-specific biosystem;

Function ATP binding; gamma-tubulin binding; magnesium ion binding; nucleotide binding; protein serine/threonine kinase activity;

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