Active Recombinant Human STK17B, GST-tagged

Cat. No. STK17B-243H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human DRAK2 (STK17B) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
Description	DRAK2 is a member of the serine/threonine kinase family and is related to death-associated protein kinase that triggers apoptosis. DRAK2 is selectively important for T-cell survival and inhibition of DRAK2 has therapeutic potential for autoimmune disease. T-cell survival depends on a balance of T-cell receptor and co-stimulatory signals and deficiency of DRAK2 can affect autoimmune disease susceptibility without generalized suppression of the immune system.
Form	Recombinant protein stored in 50mM Tis-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Bio-activity	The specific activity of STK17B was determined to be 9.5 nmol /min/mg
Molecular Mass	~69 kDa
Purity	>95% by densitometry
Applications	Kinase Assay, Western Blot

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 μg/μl

GENE INFORMATION

Gene Name	STK17B serine/threonine kinase 17b [Homo sapiens]
Official Symbol	STK17B
Synonyms	STK17B; serine/threonine kinase 17b; serine/threonine kinase 17b (apoptosis inducing); serine/threonine-protein kinase 17B; death associated protein kinase related 2; DRAK2; death-associated protein kinase-related 2; DAP kinase-related apoptosis-inducing protein kinase 2;
Gene ID	9262
mRNA Refseq	NM_004226
Protein Refseq	NP_004217
MIM	604727
UniProt ID	O94768
Chromosome Location	2q33.1
Function	ATP binding; nucleotide binding; protein serine/threonine kinase activity;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA