

Recombinant Human Serine/Threonine Kinase 38 Like, GST-tagged

Cat. No. STK38L-1108H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human NDR2 (STK38L) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
Description	STK38L is a serine/threonine kinase in the subgroup of the AGC kinase family. STK38L is regulated by Mob proteins. STK38L act as novel pro-apoptotic kinase that is activated by RASSF1A/MST1 in response to Fas receptor stimulation and promotes apoptosis. STK38L is mainly involved in the regulation of structural processes in differentiating and mature neuronal cells and it is highly expressed with highest levels observed in the thymus.
Applications	Kinase Assay; Western Blot
Molecular Weight	82 kDa
Expression System	Sf9 insect cells using baculovirus
Form	Recombinant protein stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150 mM imidazole, 0.1 mM PMSF, 0.25 mM DTT, 25% glycerol.
Specific Activity	2 nmol/min/mg

 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

Purity	> 90 %
Concentration	0.1 ug/ul
Sequences	Full-length
Storage	Store product at -70oC. 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.

GENE INFORMATION

Gene Name	STK38L serine/threonine kinase 38 like [Homo sapiens]
Official Symbol	STK38L
Synonyms	STK38L; serine/threonine kinase 38 like; NDR2; KIAA09; nuclear Dbf2-related 2; Serine/threonine-protein kinase 38-like; NDR2 protein kinase; Nuclear Dbf2-related kinase 2; EC=2.7.11.1; EC 2.7.11; EC 2.7.11.1
Gene ID	23012
mRNA Refseq	NM_015000
Protein Refseq	NP_055815
UniProt ID	Q9Y2H1
Chromosome Location	12p11.23
Function	ATP binding; magnesium ion binding; actin binding; nucleotide binding; protein

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binding; protein serine/threonine kinase activity

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