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

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

## SPECIFICATION

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| **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 |

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| **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

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| **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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