# Serine/Threonine-Protein Kinase 35 (STK35) Human Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Serine/threonine-protein kinase 35 (STK35), Recombinant Protein |
| **Full Product Name** | Recombinant Human Serine/threonine-protein kinase 35 (STK35) |
| **Product Gene Name** | STK35 recombinant protein |
| **Product Synonym Gene Name** | STK35 |
| **Sequence** | MGHQESPLAR APAGGAAYVK RLCKGLSWRE HVESHGSLGA QASPASAAAA EGSATRRARA ATSRAARSRR QPGPGADHPQ AGAPGGKRAA RKWRCAGQVT IQGPAPPRPR AGRRDEAGGA RAAPLLLPPP PAAMETGKDG ARRGTQSPER KRRSPVPRAP STKLRPAAAA RAMDPVAAEA PGEAFLARRR PEGGGGSARP RYSLLAEIGR GSYGVVYEAV AGRSGARVAV KKIRCDAPEN VELALAEFWA LTSLKRRHQN VVQFEECVLQ RNGLAQRMSH GNKSSQLYLR LVETSLKGER ILGYAEEPCY LWFVMEFCEG GDLNQYVLSR RPDPATNKSF MLQLTSAIAF LHKNHIVHRD LKPDNILITE RSGTPILKVA DFGLSKVCAG LAPRGKEGNQ DNKNVNVNKY WLSSACGSDF YMAPEVWEGH YTAKADIFAL GIIIWAMIER ITFIDSETKK ELLGTYIKQG TEIVPVGEAL LENPKMELHI PQKRRTSMSE GIKQLLKDML AANPQDRPDA FELETRMDQV TCAA |
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |
| **Molecular Weight** | 58,051 Da |
| **Sequence Positions** | 1-534. Full Length |
| **Tag Information** | This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information. |
| **Sterility** | Sterile filter available upon request. |
| **Endotoxin** | Low endotoxin available upon request. |
| **OMIM** | 609370 |
| **3D Structure** | ModBase 3D Structure for Q8TDR2 |
| **Species** | Human |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for STK35 recombinant protein** | This protein is a kinase that is predominantly found in the nucleus. However, it can interact with PDLIM1 CLP-36 in the cytoplasm and localize to actin stress fibers. The encoded protein may be a regulator of actin stress fibers in nonmuscle cells. |
| **Other Notes** | Small volumes of STK35 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for STK35 purchase** | MBS1421684 is a recombinant protein targeting STK35. Also known as Recombinant Human Serine/threonine-protein kinase 35 (STK35). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STK35. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 260099625 |
| **NCBI GeneID** | 140901 |
| **NCBI Accession #** | NP_543026.2 |
| **UniProt Primary Accession #** | Q8TDR2 |
| **UniProt Secondary Accession #** | Q2NKW6; Q5T3R1; Q5T3R2; Q96AB4; Q9BZ06; B2RBM3; C7ENV8 |
| **UniProt Related Accession #** | Q8TDR2 |
| **GenBank Nucleotide #** | NM_080836.3 |
| **NCBI Official Full Name** | serine/threonine-protein kinase 35 |
| **NCBI Official Synonym Full Names** | serine/threonine kinase 35 |
| **NCBI Official Symbol** | STK35 |
| **NCBI Official Synonym Symbols** | CLIK1; STK35L1 |
| **UniProt Protein Name** | Serine/threonine-protein kinase 35 |
| **UniProt Synonym Protein Names** | CLP-36-interacting kinase 1; CLIK-1; PDLIM1-interacting kinase 1; Serine/threonine-protein kinase 35 L1 |
| **Protein Family** | Serine/threonine-protein kinase |
| **UniProt Gene Name** | STK35 |
| **UniProt Synonym Gene Names** | CLIK1; PDIK1; STK35L1; CLIK-1 |
| **NCBI Protein Information** | serine/threonine-protein kinase 35 |
| **NCBI Summary for STK35** | The protein encoded by this gene is a kinase that is predominantly found in the nucleus. However, it can interact with PDLIM1/CLP-36 in the cytoplasm and localize to actin stress fibers. The encoded protein may be a regulator of actin stress fibers in nonmuscle cells. [provided by RefSeq, Jul 2008] |
| **UniProt Comments for STK35** | MiscellaneousAssociation with PDLIM1 is controversial. |
| **Research Articles on STK35** | **1.** constitutive overexpression of STK35 proteins enhances caspase-independent cell death under oxidative stress conditions. |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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