



# Recombinant Human Serine/threonine-protein kinase 19 (STK19)

<b>Product Code</b>	CSB-YP022839HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P49842
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<pre>MQKWFSAFDD AIIQRQWRAN PSRGGGGVSF TKEVDTNVAT GAPRRQRVP GRACPWREPI RRRGARPPG GDAGGTPGET VRHCSAPEDP IFRFSSLHSY PFPGTIKSRD MSWKRHHLIP ETFGVKRRRK RGPVESDPLR GEPGSARAAV SELMQLFPRG LFEDALPIV LRSQVYSLVP DRTVADRQLK ELQEQGEIRI VQLGFDLDAH GIIFTEDYRT RVCDLVLKAC DGRPYAGAVQ KFLASVLPAC GDLSFQQDQM TQTFGFRDSE ITHLVNAGVL TVRDAGSWWL AVPGAGRFIK YFVKGRQAVL SMVRKAKYRE LLLSELLGRR APVVVRLGLT YHVHDLIGAQ LVDCISTTSG TLLRLPET</pre>
<b>Source</b>	Yeast
<b>Target Names</b>	STK19
<b>Protein Names</b>	Recommended name: Serine/threonine-protein kinase 19 EC= 2.7.11.1 Alternative name(s): Protein G11 Protein RP1
<b>Expression Region</b>	1-368
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This gene encodes a serine/threonine kinase which localizes predominantly to the nucleus. Its specific function is unknown; it is possible that phosphorylation of this protein is involved in transcriptional regulation. This gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6 and expresses two transcript variants.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.