Recombinant Human Death-associated protein kinase 2 (DAPK2)

Product Code	CSB-EP006500HU-B
Abbreviation	DAPK2
Storage	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.
Uniprot No.	Q9UIK4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MFQASMRSPN MEPFKQQKVE DFYDIGEELG SGQFAIVKKC REKSTGLEYA AKFIKKRQSR ASRRGVSREE IEREVSILRQ VLHHNVITLH DVYENRTDVV LILELVSGGE LFDFLAQKES LSEEEATSFI KQILDGVNYL HTKKIAHFDL KPENIMLLDK NIPIPHIKLI DFGLAHEIED GVEFKNIFGT PEFVAPEIVN YEPLGLEADM WSIGVITYIL LSGASPFLGD TKQETLANIT AVSYDFDEEF FSQTSELAKD FIRKLLVKET RKRLTIQEAL RHPWITPVDN QQAMVRRESV VNLENFRKQY VRRRWKLSFS IVSLCNHLTR SLMKKVHLRP DEDLRNCESD TEEDIARRKA LHPRRRSSTS
Source	E.coli
Target Names	DAPK2
Protein Names	Recommended name: Death-associated protein kinase 2 Short name= DAP kinase 2 EC= 2.7.11.1 Alternative name(s): DAP-kinase-related protein 1 Short name= DRP-1
Expression Region	1-370
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a protein that belongs to the serine/threonine protein kinase family. This protein contains a N-terminal protein kinase domain followed by a conserved calmodulin-binding domain with significant similarity to that of death-associated protein kinase 1 (DAPK1), a positive regulator of programmed cell death. Overexpression of this gene was shown to induce cell apoptosis. It uses multiple polyadenylation sites.
Reconstitution	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.
Shelf Life	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.