



Recombinant Human Serine/threonine-protein kinase Chk1 (CHEK1)

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| Product Code | CSB-EP005338HU |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | O14757 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MAVPFVEDWD LVQTLGEGAY GEVQLAVNRV TEEAVAVKIV DMKRAVDCPE NIKKEICINK MLNHENVVKF YGHRREGNIQ YLFLEYCSGG ELFDRIEPI GMPEPDAQRF FHQLMAGVVY LHGIGITHRD IKPENLLLDE RDNLKISDFG LATVFRYNNR ERLLNKMCMT LPYVAPPELLK RREFHAEPVD VWSCGIVLTA MLAGELPWDQ PSDSCQEYSD WKEKKTLYLNP WKKIDSAPLA LLHKILVENP SARITIPDIK KDRWYNKPLK KGAKRPRVTS GGVSESPSGF SKHIQSNLDF SPVNSASSE NVKYSSSQPE PRTGLSLWDT SPSYIDKLQV GISFSQPTCP DHMLLSQLL GTPGSSQNPW QRLVKRMTRF FTKLDADKSY QCLKETCEKL GYQWKKSCMN QVTISTTDRR NNKLIFKVN LEMDDKILVD FRLSKGDGLE FKRHFLKIKG KLIDIVSSQK IWL PAT |
| Source | E.coli |
| Target Names | CHEK1 |
| Protein Names | Recommended name: Serine/threonine-protein kinase Chk1 EC= 2.7.11.1 Alternative name(s): CHK1 checkpoint homolog Cell cycle checkpoint kinase Checkpoint kinase-1 |
| Expression Region | 1-476 |
| 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 |
| 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. |