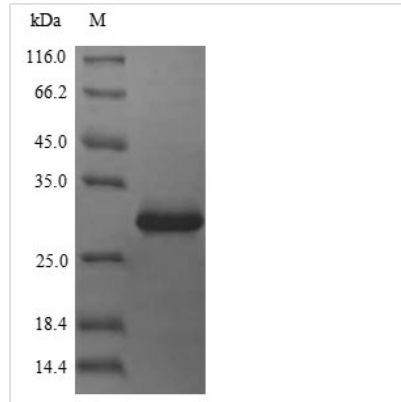




Recombinant Human Cyclin-dependent kinase inhibitor 3 (CDKN3)

Product Code	CSB-YP005096HU
Relevance	May play a role in cell cycle regulation. Dual specificity phosphatase active toward substrates containing either phosphotyrosine or phosphoserine residues. Dephosphorylates CDK2 at 'Thr-160' in a cyclin-dependent manner.
Abbreviation	Recombinant Human CDKN3 protein
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.	Q16667
Alias	CDK2-associated dual-specificity phosphatase Cyclin-dependent kinase interactor 1 Cyclin-dependent kinase-interacting protein 2 Kinase-associated phosphatase
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MKPPSSIQTSEFDSSDEEPIEDEQTPIHISWLSLSRVNCSQFLGLCALPGCKFK DVRRNVQKDTEELKSCGIQDIFVCTRGEISKYRVPNLLDLYQQCGIITHHHPIA DGGTPDIASCCEIMEELTTCLKNYRKTLIHCYGGGLGRSCLVAACLLLYLSDTISP EQAIDSLRDLRGSGAIQTIKQYNYLHEFRDKLAAHLSSRDSQSRSVSR
Research Area	Cell Biology
Source	Yeast
Target Names	CDKN3
Protein Names	Recommended name: Cyclin-dependent kinase inhibitor 3 EC= 3.1.3.16 EC= 3.1.3.48 Alternative name(s): CDK2-associated dual-specificity phosphatase Cyclin-dependent kinase interactor 1 Cyclin-dependent kinase-interacting protei
Expression Region	1-212aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	25.8kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.