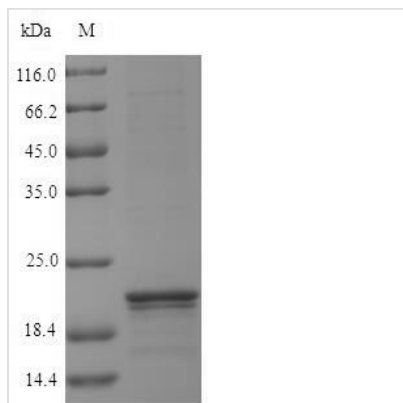




Recombinant Arabidopsis thaliana Nucleoside diphosphate kinase 1 (NDK1)

Product Code	CSB-YP336542DOA
Relevance	Major role in the synthesis of nucleoside triphosphates other than ATP. The ATP gamma phosphate is transferred to the NDP beta phosphate via a ping-pong mechanism, using a phosphorylated active-site intermediate. Plays a role in response to reactive oxygen species (ROS) stress.
Abbreviation	Recombinant Mouse-ear cress NDK1 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.	P39207
Alias	Nucleoside diphosphate kinase I Short name:NDK I Short name:NDP kinase I Short name:NDPK I
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MEQTFIMIKPDGVQRGLIGEVICRFEKKGFTLKGLKLISVERSFAEKHYEDLSSK SFFSGLVDYIVSGPVVAMIWEGKNVVL TGRKIIGATNPAASEPGTIRGDF AIDIG RNVIHGSDSVESARKEIALWFPDGPVNWQSSVHPWVYET
Research Area	Others
Source	Yeast
Target Names	NDK1
Protein Names	Nucleoside diphosphate kinase I Short name:NDK I Short name:NDP kinase I Short name:NDPK I
Expression Region	1-149aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	20.5 kDa
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

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