



Recombinant Rat Adenosine kinase (Adk)

Product Code	CSB-EP734122RA-B
Abbreviation	Adk
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.	Q64640
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MAAADEPKPK KLKVEAPEAL SENVLFMGNG PLLDISAVVD KDFLDKYSLK PNDQILAEDK HKELFDELVK KFKVEYHAGG STQNSMKVAQ WMIQEPHRAA TFFGCIGIDK FGEILKSKAA DAHVDAHYYE QNEQPTGTCA ACITGGNRS VANLAAANCY KKEKHLLEN NWMLVEKARV YYIAGFFLTV SPESVLKVAR YAAENNRFT LNLAPFISQ FFKEALMEVM PYVDILFGNE TEAATFAREQ GFETKDIKEI ARKTQALPKV NSKRQRTVIF TQGRDDTIVA TGNDVTAFPV LDQNQEEIVD TNGAGDAFVG GFLSQLVSNK PLTECIRAGH YAASVIIRRT GCTFPEKPDF H
Source	E.coli
Target Names	Adk
Protein Names	Recommended name: Adenosine kinase Short name= AK EC= 2.7.1.20 Alternative name(s): Adenosine 5'-phosphotransferase
Expression Region	1-361
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.