



Recombinant Selenide, water dikinase (selD)

Product Code	CSB-EP354813EGX
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.	P66793
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MSENSIRLTQ YSHGAGCGCK ISPKVLETIL HSEQAKFVDP NLLVGNETRD DAAVYDLGNG TSVISTTDFD MPIVDNPFDF GRIATNAIS DIFAMGGKPI MAIAILGWPI NKLSPEIARE VTEGGRYACR QAGIALAGGH SIDAPEPIFG LAVTGIVPTE RVKKNSTAQA GCKLFLTKPL GIGVLTTAEK KLLKPEHQG LATEVMCRMN IAGASFANIE GVKAMTDVTG FLLGLHSEM CQGAGVQARV DYDAIPKLPV VEEYIKLGAV PGGTERNFAS YGHLMGEMPR EVRDLLCDPQ TSGLLLVAVM PEAEENVKAT AAEFGIELTA IGELVPARGG RAMVEIR
Source	E.coli
Target Names	selD
Protein Names	Recommended name: Selenide, water dikinase EC= 2.7.9.3 Alternative name(s): Selenium donor protein Selenophosphate synthase
Expression Region	1-347
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.