



Recombinant *Drosophila melanogaster* Phosphoserine phosphatase (aay)

Product Code	CSB-EP018938DLU
Abbreviation	aay
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.	Q9VSY6
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila melanogaster</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	MSGSVLSLAR PAAATNGHNL LTKQLNCNGN GTTGGAAKTT VASAITPPKQ PQLAAKVIQQ SQIVCFDVDS TVICEEGIDE LAEYCGKGSE VARVTKEAMG GAMTFQDALK IRLNIIRPTQ QQVRDFIQER PSTLSKNVKR FVSHLKAEGK QVYLISGGFD CLIAPVANEL GIPLKNVYAN KMLFDYLG EY DSFDINQPTS RSGGKAE AIA LIRKENSDDS LITMIGDGAT DLEAVPPANY FIGFGGNVVR PEVYRRAQYY VTD FEQLMGQ
Source	E.coli
Target Names	aay
Protein Names	Recommended name: Phosphoserine phosphatase Short name= PSP Short name= PSPase EC= 3.1.3.3 Alternative name(s): O-phosphoserine phosphohydrolase
Expression Region	1-270
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.