



Recombinant *Drosophila melanogaster* Glucosamine-6-phosphate isomerase (Gnpda1)

Product Code	CSB-YP894713DLU
Abbreviation	Gnpda1
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.	Q9VMP9
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila melanogaster</i> (Fruit fly)
Purity	≥85% (SDS-PAGE)
Sequence	MRLVILETSD SVGKWAAKYV MKRINDFQPS ADRYFVLGLP TGSTPLGMYK ELIEFHKQGK VSFQYVKTFN MDEYVGLARD HHESYHYFMW NFFFKHIDIE PKNVHILDGN AADLVAECNK FEDQIREAGG VELFIGGIGP DGHIAFNEPG SSLVSRTRVK TLAQDTLEAN ARFFDNDMSK VPKQALTVGV GTVMDSKEVM ILITGAHKAF ALYKAIEEGV NHMWTVSAFQ QHANTLMICD EDATLELRVK TVKYFKGILR DLDEGSPLEG YKN
Source	Yeast
Target Names	Oscillin
Protein Names	Recommended name: Glucosamine-6-phosphate isomerase EC= 3.5.99.6 Alternative name(s): Glucosamine-6-phosphate deaminase Short name= GNPDA Short name= GlcN6P deaminase Oscillin homolog
Expression Region	1-273
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.