



Recombinant *Drosophila melanogaster* Amidophosphoribosyltransferase (Prat)

Product Code	CSB-EP637726DLU-B
Abbreviation	Prat
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.	Q27601
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila melanogaster</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	CGVFGAI ACGDWPTQMD IAHVICLGLV ALQHRGQESA GIATSEGKCS KNFNVHKGMG MISTLFNDDS MKKLRGNLGI GHTRYSTAGG SGVVNCQPFE VHTTHGALAL AHNGELVNE SLRREVLARG VGLSTHSDSE LIAQSLCCAP EDVSELDGPN WPARIRHFMM LAPLSYSLVI MLKDKIYAVR DTYGNRPLCI GKIVPINAGH GNNLDTPADG WVVSSSESCGF LSI GARYVRE VEPGEIVELS RSGYRTVDIV ERPDFKRMAF CIFEYVYFAR GDSIFEGQMV YTVRLQCGRQ LWREAPVEAD IVSSVPESGT AAAHGYARES GIEFAEVL CR NRYVGRFTIQ PSTRLRQLGV AKKFGALSEN VAGKRLVLID DSIVRGNTIG PIIKLLRDAG AREVHIRIAS PPLQYPCYMG INIPTREELI ANKLNPDQLA RHVGADSLAY LSVEGLVEAV QLKHRDAGDS KSKGTGHCTA CLTGEYPGGL PDELSW
Source	E.coli
Target Names	Prat
Protein Names	Recommended name: Amidophosphoribosyltransferase Short name= ATase EC= 2.4.2.14 Alternative name(s): Glutamine phosphoribosylpyrophosphate amidotransferase Short name= GPAT
Expression Region	54-546
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 of Mature 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.



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