



# Recombinant Arabidopsis thaliana Folylpolyglutamate synthase (FPGS3)

<b>Product Code</b>	CSB-MP228851DOA
<b>Abbreviation</b>	FPGS3
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8W035
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MATEDDGELS ARYQNTLDAL SSLITKRGR L ASNNQSHRFR LLFHLYLKVLE LEDAVSQMKI IHVAGTKGKG STCTFAESIL RCYGLRTGLF TSPHLIDVRE RFRLNGIEIS QEKVNYFWC CFHKLKEKTS NEVPMPTYFC FLALLAFKIF TTEQVDVVIL EVGLGGRFDA TNVIQKPVVC GISSLGVDHM EILGYTLAEI AAEKAGIFKS GVPFTVAQP DEAMRVLNEK ASKLEVNQV VEPLDSSQRL GLQGEHQYLN AGLAVALCST FLKEIGIEDK NGLDQTNGLP EKFISSLSNA YLMGRAMIVP DSELPEEIVY YLDGAHSPES MEACAIWFSK QIKQNQERNQ KRSEQILLFN CMSVRDPSLL LPRLRSKCID QGVDFKRAVF VPNVSVYNQV GSSTNVGTRV ESMSWQFGLQ RIWESLARGE AKSNSKSDSK GKEEEKSFVF SSLPVAVDWL RDNARQSKQV RFQVLVTGSL HLVGDLLRFI KK
<b>Source</b>	Mammalian cell
<b>Target Names</b>	FPGS3
<b>Protein Names</b>	Recommended name: Folylpolyglutamate synthase EC= 6.3.2.17Alternative name(s): DHFS-FPGS homolog D Folylpoly-gamma-glutamate synthetase Short name= FPGS Tetrahydrofolylpolyglutamate synthase Short name= Tetrahydrofolate synth
<b>Expression Region</b>	1-492
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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

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