



Recombinant *Oenothera biennis* ATP synthase subunit a, chloroplastic (atpl)

Product Code	CSB-CF535277ODZ
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B0Z4W3
Product Type	Transmembrane Protein
Immunogen Species	<i>Oenothera biennis</i> (German evening primrose) (<i>Onagra biennis</i>)
Sequence	MDVLSCSNNTLKGLYDISGVEVGQHFYWQIGGFQVHGQVLITSWVVIAILLGSA SIAVRN PQTIPNDSQNFFEYILEFIRDVSKTQIGEEYGPWVPPFIGTMFLFIFVSNWSGALL PWKLV ELPHGELAAPTNDINTTVALALLTSVAYFYAGLSKKGLGYFSKYIQPTPILLPINIL EDF TKPLSLSFRLFGNILADELVVVVLVSLVPSVVPPIVMFLGLFTSGIQALIFATLAAA YIG ESMEGHH
Source	in vitro <i>E.coli</i> expression system
Target Names	atpl
Protein Names	Recommended name: ATP synthase subunit a, chloroplastic Alternative name(s): ATP synthase F0 sector subunit a F-ATPase subunit IV
Expression Region	1-247
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
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.