



Recombinant *Drosophila melanogaster* Cytochrome P450 4ae1 (Cyp4ae1)

Product Code	CSB-EP523693DLU
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.	O46054
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila melanogaster</i> (Fruit fly)
Purity	≥85% (SDS-PAGE)
Sequence	MLVLLVALL VTRLVASLFR LALKELRHPL QGVVPSVSRV PLLGAAWQMR SFQPDNLHDK FAEYVKRFGR SFMGTVLGHV VMVTAEPRI DALLQGQHQL KKGTMFALR GWLGDGLLS RGKEWHTMRK IITPTFHFSI LEQFVEVFDR QSSILVERLR TLYSGNEVVN IYPLVGLAAL DIITETAMGV NVDAQGADSE VVHAVKDLTN ILATRFMRPH LFPHLFRLC WPSGFRKQQA GVICLHEFTN GIIQRRRL AREANQDKPT KPHALLDTLL RATVDGQPLT DKQIRDEVNT FIFEGHDTT SAVSFCLYLL SRHEAVQQKL FEELRMHYGQ DLFRGVILSD FATLPYLSCV VKESLRLYPP IPAVARCLEK DLVIDEGYIP VGTVNVVLLW QLLRDEAIFT DPLVFQPERH LGEEAPRLSP YSYIPFSAGP RNCIGQKFAL LEMKTMVTKV IRHYQLPMG ADVEPSIKIV LRSKSGVNVG LRPRLY
Source	<i>E.coli</i>
Target Names	Cyp4ae1
Protein Names	Recommended name: Cytochrome P450 4ae1 EC= 1.14.-.- Alternative name(s): CYP4AE1
Expression Region	1-496
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.