



# Recombinant *Drosophila melanogaster* Protein henna (Hn)

<b>Product Code</b>	CSB-EP322921DLU
<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>	P17276
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Drosophila melanogaster</i> (Fruit fly)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MYQRQVSFDK PTRVEDSAYI VEGVDIKEAR NTCLLFSPKD SSLSSGALAN ILAIFKKHDI NLVHIESRSS LRVPGYEFFV EADGKSGALG KAIEDVKEQC SYFNIISRDI KDNATAVPWF PRRIRDLDRF ANQILSYGSE LDADHPGFTD PEYRKRKYF ADIAYNYKHG EPLPHVDYTK EEIETWGIIF RNLTKLYKTH ACREYNHVFP LLVDNCGFRE DNIPQLEDVS NFLRDCTGFT LRPVAGLLSS RDFLAGLAFR VFHSTQYIRH PSKPMYTPEP DVCHELMGHV PLFADPAFAQ FSQEIGLASL GAPDDYIEKL STIFWFTVEY GVCRQEGELK AYGAGLLSSY GELEYCLTDK PQLKDFEPEV TGVTKYPITQ FQPLYVADS FETAKEKTIK FANSIPRPFV VRYNAYTQSV EVLDSKPQIS NLMDNINSEF QILQNAVAKL RV
<b>Source</b>	E.coli
<b>Target Names</b>	Hn
<b>Protein Names</b>	Recommended name: Protein henna EC= 1.14.16.1 EC= 1.14.16.4 Alternative name(s): Phe-4-monooxygenase Phenylalanine-4-hydroxylase Short name= PAH Tryptophan 5-hydroxylase Short name= TRH Tryptophan 5-monooxyg
<b>Expression Region</b>	1-452
<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.
<b>Shelf Life</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.