



Recombinant Rat D-dopachrome decarboxylase (Ddt)

Product Code	CSB-BP006598RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P80254
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	PFVELETNL PASRIPAGLE NRLCAATATI LDKPEDRVSV TIRPGMTLLM NKSTEPCAHL LISSIGVVG T AEQNRSHSSS FFKFLTEELS LDQDRIIRF FPLEPWQIGK KGTVM TFL
Source	Baculovirus
Target Names	Ddt
Protein Names	Recommended name: D-dopachrome decarboxylase EC= 4.1.1.84 Alternative name(s): D-dopachrome tautomerase
Expression Region	2-118
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
Target Details	D-dopachrome tautomerase converts D-dopachrome into 5,6-dihydroxyindole. The DDT gene is related to the migration inhibitory factor (MIF) in terms of sequence, enzyme activity, and gene structure. DDT and MIF are closely linked on chromosome 22.
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.