



Recombinant Mouse L-dopachrome tautomerase (Dct), partial

Product Code	CSB-YP006562MO1
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P29812
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	QFPRVCMTLDGVLNKECCPPLGPEATNICGFLEGRGQCAEVQTDTRPWSGP YILRNQDDREQWPRKFFNRTCKCTGNFAGYNCGGCKFGWTGPDCNRKKPAI LRRNIHSLTAQEREQFLGALDLAKKSIHPDYVITQHWLGLLGPNGTQPQIANC SVYDFFVWLHYYSVRDRTLGPGRPYKAIDFSHQGPAFVTWHRYHLLWLEREL QRLTGNESFALPYWNFATGKNECDVCTDELLGAARQDDPTLISRNSRFSTWEI VCDSLDDYNRRVTLCNGTYEGLLRNKKVGRNNEKLPTLKNVQDCLSLQKFDS PPFFQNSTFSFRNALEGFDKADGTLDSQVMNLHNLHNSFLNGTNALPHSAAN DPVFVVLHSFTDAIFDEWLKRNNPSTDAWPQELAPIGHNRMYNMVPPFPVT NEELFLTAEQLGYNYAVDLSEEEAPVWSTTLS
Source	Yeast
Target Names	Dct
Protein Names	Recommended name: L-dopachrome tautomerase Short name= DCT Short name= DT EC= 5.3.3.12Alternative name(s): L-dopachrome Delta-isomerase SLATY locus protein Tyrosinase-related protein 2 Short name= TRP-2 Sho
Expression Region	24-472aa
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	Lumenal, melanosome domain
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.