

DCT 抗原（重组蛋白）

中文名称：DCT 抗原（重组蛋白）

英文名称：DCT Antigen (Recombinant Protein)

别名：dopachrome tautomerase; TRP-2; TYRP2

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 222-472 amino acids of human DCT

技术规格：

Full name:	dopachrome tautomerase
Synonyms:	TRP-2; TYRP2
Swissprot:	P40126
Gene Accession:	BC028311
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2), also known as DCT, is a human gene. The human TYRP2 protein has 83% identity and 90% similarity to the mouse sequence and has all the structural characteristics of the tyrosinase protein family, including a signal peptide, 15 conserved cysteine residues, 2 copper-binding domains, and a C-terminal membrane-spanning region. Northern blot analysis showed that TYRP2 is expressed at

high levels in human melanoma cells. Its expression is regulated by the microphthalmia-associated transcription factor (MITF).