

Recombinant Human DCT protein, His & T7-tagged

Cat. No. DCT-1456H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DCT aa. (Val28~Gly263 (Accession # P40126)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Val28~Gly263
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.9kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 8.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

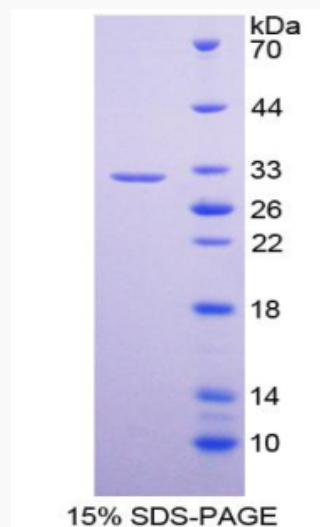
Gene Name	DCT dopachrome tautomerase [Homo sapiens (human)]
Official Symbol	DCT
Synonyms	TRP-2; TYRP2; DT; L-dopachrome Delta-isomerase; L-dopachrome isomerase; TRP2; dopachrome delta-isomerase; dopachrome tautomerase (dopachrome delta-isomerase, tyrosine-related protein 2); tyrosinase related protein-2; tyrosine-related protein 2; L-dopachrome tautomerase
Gene ID	1638
mRNA Refseq	NM_001129889.2
Protein Refseq	NP_001123361.1
UniProt ID	P40126

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SDS-PAGE



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