

TRP - 2 (180 - 188)
Synthetic Peptide
Catalog # SP2432b**Specification**

TRP - 2 (180 - 188) - Product Information

Primary Accession	P29812
Other Accession	P40126
Sequence	NH2-SVYDFFVWL-COOH

TRP - 2 (180 - 188) - Additional Information**Gene ID** 13190**Other Names**

L-dopachrome tautomerase, DCT, DT, L-dopachrome Delta-isomerase, SLATY locus protein, Tyrosinase-related protein 2, TRP-2, TRP2, Dct, Tyrp-2, Tyrp2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TRP - 2 (180 - 188) - Protein Information**Name** Dct {ECO:0000312|MGI:MGI:102563}**Synonyms** Tyrp-2, Tyrp2**Function**

Plays a role in melanin biosynthesis (PubMed:33100333). Catalyzes the conversion of L-dopachrome into 5,6-dihydroxyindole-2- carboxylic acid (DHICA) (PubMed:1537333, PubMed:1537334).

Cellular Location

Melanosome membrane {ECO:0000250|UniProtKB:P40126}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:P40126}. Melanosome. Note=Proper trafficking to melanosome is regulated by SGSM2, ANKRD27, RAB9A, RAB32 and RAB38

Tissue Location

Melanocytes and retinal pigmented epithelium (at protein level).

TRP - 2 (180 - 188) - Images