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TYRP1, 25-477aa, Human, His-tag, Baculovirus

产品货号: TP04366

第三版

别名:5, 6-dihydroxyindole-2-carboxylic acid oxidase, TYRP1, b-PROTEIN, CAS2, CATB, GP75, OCA3, TRP, TRP1, TYRP.

描述:TYRP1, also known as 5, 6-dihydroxyindole-2-carboxylic acid oxidase, is a melanosomal enzyme that belongs to the tyrosinase family and plays an important role in the melanin biosynthetic pathway. It is a melanocyte-specific gene product involved in eumelanin synthesis. It is involved in the oxidation of 5,6-dihydroxyindole-2-carboxylic acid(DHICA) into indole-5,6-quinone-2-carboxylic acid. It is regulated by the microphthalmia-associated transcription factor(MITF). Recombinant human TYRP1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol

分子量:52.5kDa (462aa), 50-70kDa (SDS-PAGE under reducing conditions)

序列:

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ADLQFPRQCATVEALRSGMCCPDLSPVSGPGTDRCGSSSGRGRCEAVTADSRPHSPQYPHDGRDDREVVPLRFFNRTCH
CNGNFSGHNCGTTCRPGWRGAACDQRVLIVRRNLLDLSKEEKNHFVRALDMAKRTTHPLFVIATRRSEEILGPDGNTPTQF
ENISINYFVWTHYYSVKKTFLGVGQESFGEVDFSHGPAFLTWHRYHLLRLEKDMQEMLQEPSFSLPYWNFATGKNVC
DICTDDLMGSRSNFDSTLISPNSVFSQWRVVCDSLEDYDTLGLTLCNSTEDGPIRRNPAGNVARPMVQRLPEPQDVAQCLE
VGLFDTPPFYSNSTNSFRNTVEGYSDPTGKYDPAVRSLHNLHLFLNGTGGQTHLSPNDPIFVLLHTFTDAVFDEWLRRYN
ADISTFPLENAPIGHNHRQYNMVPFWPPVTNTEMFVTAPDNLGYTYEIQWPSREFSVPEHHHHHH
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纯度:> 95% by HPLC

浓度:0.25mg/ml (determined by Absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.