

TYR 抗原（重组蛋白）

中文名称： TYR 抗原（重组蛋白）

英文名称： TYR Antigen (Recombinant Protein)

相关类别： 抗原

储 存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 19-319 amino acids of human TYR

技术规格

Full name:	Tyrosinase
Synonyms:	CMM8; OCA1A; OCAIA; SHEP3
Swissprot:	P14679
Gene Accession:	BC027179
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The enzyme encoded by this gene catalyzes the first 2 steps, and at least 1 subsequent step, in the conversion of tyrosine to melanin. The enzyme has both tyrosine hydroxylase and dopa oxidase catalytic activities, and requires copper for function. Mutations in this gene result in oculocutaneous albinism, and non pathologic polymorphisms result in skin pigmentation variation. The human genome contains a pseudogene similar to the 3' half of this gene.

