

ODC1 抗原（重组蛋白）

中文名称： ODC1 抗原（重组蛋白）

英文名称： ODC1 Antigen (Recombinant Protein)

别名： ODC

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 300 amino acids of human ODC1

技术规格

Full name:	ornithine decarboxylase 1
Synonyms:	ODC
Swissprot:	P11926
Gene Accession:	BC025296
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes the rate-limiting enzyme of the polyamine biosynthesis pathway which catalyzes ornithine to putrescine. The activity level for the enzyme varies in response to growth-promoting stimuli and exhibits a high turnover rate in comparison to other mammalian proteins. Originally localized to both chromosomes 2 and 7, the gene encoding this enzyme has been determined to be located on 2p25, with a pseudogene located on 7q31-qter.