

UBE2D1 抗原（重组蛋白）

中文名称： UBE2D1 抗原（重组蛋白）

英文名称： UBE2D1 Antigen (Recombinant Protein)

别名： ubiquitin conjugating enzyme E2 D1; SFT; UBCH5; UBC4/5; UBCH5A; E2(17)KB1

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 1-147 amino acids of human UBE2D1

技术规格

Full name:	ubiquitin conjugating enzyme E2 D1
Synonyms:	SFT; UBCH5; UBC4/5; UBCH5A; E2(17)KB1
Swissprot:	P51668
Gene Accession:	BC005980
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 modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is closely related to a stimulator of iron transport (SFT), and is up-regulated in hereditary hemochromatosis. It also functions in the ubiquitination of the tumor-suppressor protein p53 and the hypoxia-inducible transcription factor HIF1alpha by interacting

with the E1 ubiquitin-activating enzyme and the E3 ubiquitin-protein ligases. Two transcript variants encoding different isoforms have been found for this gene.