



[Go to Product page](#)

Datasheet for ABIN7198578
UBE2D1 Protein (His tag)

Overview

Quantity:	100 µg
Target:	UBE2D1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE2D1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human UBE2D1 Protein (His Tag)
Sequence:	Ala 2-Met 147
Characteristics:	A DNA sequence encoding the human UBE2D1 (P51668) (Ala 2-Met 147) was expressed, with a polyhistidine tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.

Target Details

Target:	UBE2D1
Alternative Name:	UBE2D1 (UBE2D1 Products)
Background:	Background: Ubiquitin-conjugating enzyme E2 D1 (UBE2D1), a member of human E2 ubiquitin-conjugating enzymes, is closely related to SFT, which is short for stimulator of iron (Fe) transport. In other words, UbcH5A is significantly up-regulated in the liver of iron-overloaded patients with hereditary hemochromatosis, as previously published for SFT. Moreover, a

Target Details

complex of UBE2D1 is critical in maintaining KRAS protein stability and propose that targeting such complex may be a unique strategy to degrade mutant KRAS to kill cancer cells.

Synonym: Ubiquitin-conjugating enzyme E2 D1, Stimulator of Fe transport, SFT, UBC4/5

homolog, UbcH5, Ubiquitin carrier protein D1, Ubiquitin-conjugating enzyme E2(17)KB 1, Ubiquitin-conjugating enzyme E2-17 kDa 1, Ubiquitin-protein ligase D1, SFT, UBC5A, UBCH5, UBCH5A

Molecular Weight: 18.3 kDa

UniProt: [P51668](#)

Pathways: [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 25 mM Tris, 100 mM NaCl, 20 % glycerol, 0.05 % Tween

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.