Datasheet for ABIN7319318

UBE2D1 Protein (GST tag)

Go to Product page

Overview

Quantity:	50 µg
Target:	UBE2D1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE2D1 protein is labelled with GST tag.

Product Details

Purpose:	Recombinant Human UBE2D1 Protein (GST Tag)
Sequence:	Met 1-Met 147
Characteristics:	Recombinant Human Ubiquitin-conjugating enzyme E2 D1 is produced by our E.coli expression system and the target gene encoding Met1-Met147 is expressed with a GST tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	UBE2D1
Alternative Name:	UBE2D1 (UBE2D1 Products)
Background:	Background: Ubiquitin-conjugating enzyme E2 D1(UBE2D1)belongs to the ubiquitin-conjugating enzyme family. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating

Target Details

	enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. 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. 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:	42.9 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 a 0.2 μm filtered solution of 50 mM HEPES,150 mM NaCl,2 mM DTT,10 % Glycerin, pH 7.5.
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.