Datasheet for ABIN7198586

UBE2H Protein

Go to Product page

Overview

Quantity:	100 µg
Target:	UBE2H
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Ube2H Protein
Sequence:	Met 1-Leu 183
Characteristics:	A DNA sequence encoding the human UBE2H (P62256) (Met 1-Leu 183) was expressed and purified, with additional two amino acids (Gly & Pro) at the N-terminus.
Purity:	> 93 % as determined by reducing SDS-PAGE.

Target Details

Target:	UBE2H
Alternative Name:	Ube2H (UBE2H Products)
Background:	Background: UBE2H is a member of the ubiquitin-conjugating E2 family whose members perform the second step in the ubiquitination reaction. Initially identified as the main process for protein degradation; ubiquitination is believed nowadays to be crucial for a wider range of cellular processes. The outcome of the ubiquitin-conjugation reaction; and thereby the fate of the substrate; is heavily dependent on the number of ubiquitin molecules attached and how

Target Details

	these ubiquitin molecules are inter-connected. To deal with this complexity and to allow adequate ubiquitination in time and space; a highly sophisticated conjugation machinery has been developed. In a sequential manner; ubiquitin becomes activated by an ubiquitin-activating enzyme (E1); which then transfers the ubiquitin to a group of ubiquitin-conjugating enzymes (E2s). Next; ubiquitin-loaded E2s are interacting with ubiquitin protein ligases (E3s) and ubiquitin is conjugated to substrates on recruitment by the E3. These three key enzymes are operating in a hierarchical system; wherein two E1s and 35 E2s have been found and hundreds of E3s have been identified in humans. Synonym: Ubiquitin-Conjugating Enzyme E2 H; UbcH2; Ubiquitin Carrier Protein H; Ubiquitin-Conjugating Enzyme E2-20K; Ubiquitin-Protein Ligase H; UBE2H;E2-20K;GID3;UBC8;UBCH;UBCH2
UniProt:	P62256

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, 10 % glycerol, 2 mM DTT, pH 7.4
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.