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Datasheet for ABIN7319267 **UBE2H Protein (GST tag)**

Overview

Quantity:	50 µg
Target:	UBE2H
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE2H protein is labelled with GST tag.

Product Details

Purpose:	Recombinant Human Ube2H Protein (GST Tag)
Sequence:	Met 1-Leu183
Characteristics:	Recombinant Human Ubiquitin-Conjugating Enzyme E2 H is produced by our E.coli expression system and the target gene encoding Met1-Leu183 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:	UBE2H
Alternative Name:	Ube2H (UBE2H Products)
Background:	Background: Ubiquitin-Conjugating Enzyme E2 H (UBE2H) belongs to the E2 Ubiquitin-Conjugating Enzyme family. The modification of proteins with ubiquitin is an important cellular

Target Details

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. It has been shown to conjugate ubiquitin to histone H2A in an E3 dependent manner in vitro. UBE2H is the human homolog to the yeast DNA repair gene RAD6, which is induced by DNA damaging reagents. UBE2H has been associated with cancer-induced cachexia and with the regulation of sepsis-induced muscle proteolysis.

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

Molecular Weight:	47.0 kDa
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UniProt:	P62256
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as a 0.2 µm filtered solution of 50 mM HEPES, 150 mM NaCl, 2 mM DTT, 10 % Glycerol, pH 7.5.
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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