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Datasheet for ABIN7319273 UBE2A Protein (GST-His-Tag)

Overview

Quantity:	50 µg
Target:	UBE2A (ube2a)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE2A protein is labelled with GST-His-Tag.

Product Details

Purpose:	Recombinant Human UBE2A Protein (GST & His Tag)
Sequence:	Met 1-Cys152
Characteristics:	Recombinant Human Ubiquitin-Conjugating Enzyme E2 A is produced by our E.coli expression system and the target gene encoding Met1-Cys152 is expressed with a GST, 6His tag at the N-terminus.
Purity:	> 80 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	UBE2A (ube2a)
Alternative Name:	UBE2A (ube2a Products)
Background:	Background: Ubiquitin-Conjugating Enzyme E2 (UBE2A) is a member of 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. UBE2A catalyzes the covalent attachment of ubiquitin to other proteins. UBE2A is required for postreplication repair of UV-damaged DNA. UBE2A Interacts with RAD18 and WAC.

Synonym: Ubiquitin-Conjugating Enzyme E2 A, RAD6 Homolog A, HR6A, hHR6A, Ubiquitin Carrier Protein A, Ubiquitin-Protein Ligase A, UBE2A, RAD6A

Molecular Weight:	49.0 kDa
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UniProt:	P49459
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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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