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Datasheet for ABIN7317347 UBE2L6 Protein (His tag)

Overview

Quantity:	100 µg
Target:	UBE2L6
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE2L6 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Ube2L6 Protein (His Tag)
Sequence:	Met 1-Ser 153
Characteristics:	A DNA sequence encoding the human UBE2L6 isoform 1 (O14933-1) (Met 1-Ser 153) was expressed, with a polyhistide tag at the N-terminus.
Purity:	> 96 % as determined by reducing SDS-PAGE.

Target Details

Target:	UBE2L6
Alternative Name:	Ube2L6 (UBE2L6 Products)
Background:	Background: UBCH8, also known as UBE2L6, belongs to the ubiquitin-conjugating enzyme family. The family of ubiquitin-conjugating (E2) enzymes is characterized by the presence of a highly conserved ubiquitin-conjugating (UBC) domain. These domains accommodate the ATP-activated ubiquitin (Ub) or ubiquitin-like (UBL) protein via a covalently linked thioester onto its

Target Details

active-site residue. E2 enzymes act via selective protein-protein interactions with the E1 and E3 enzymes and connect activation to covalent modification. By doing so, E2s differentiate effects on downstream substrates, either with a single Ub/UBL molecule or as a chain. UBCH8 is highly similar in primary structure to the enzyme encoded by the UBE2L3 gene. It catalyzes the covalent attachment of ubiquitin or ISG15 to other proteins. UBCH8 functions in the E6/E6-AP-induced ubiquitination of p53/TP53 and promotes ubiquitination and subsequent proteasomal degradation of FLT3. At protein level, it is present in natural killer cells.

Synonym: Ubiquitin/ISG15-Conjugating Enzyme E2 L6, Retinoic Acid-Induced Gene B Protein, RIG-B, UbcH8, Ubiquitin Carrier Protein L6, Ubiquitin-Protein Ligase L6, UBE2L6, UBCH8

Molecular Weight:	19.6 kDa
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile 20 mM Tris, 0.1 % Brij35, pH 8.5
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Storage:	4 °C,-20 °C,-80 °C
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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.
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