

Recombinant Human UBE2T Protein (Q2-V197), Tag Free

Cat. No. UBE2T-0013H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human (GG)-UBE2T(Q2-V197 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	Q2-V197
Description	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. Catalyzes monoubiquitination. Involved in mitomycin-C (MMC)-induced DNA repair. Acts as a specific E2 ubiquitin-conjugating enzyme for the Fanconi anemia complex by associating with E3 ubiquitin-protein ligase FANCL and catalyzing monoubiquitination of FANCD2, a key step in the DNA damage pathway. Also mediates monoubiquitination of FANCL and FANCI. May contribute to ubiquitination and degradation of BRCA1. In vitro able to promote polyubiquitination using all 7 ubiquitin Lys residues, but may prefer 'Lys-11', 'Lys-27', 'Lys-48' and 'Lys-63'-linked polyubiquitination.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	80%

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Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol, 1mM DTT.
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	UBE2T ubiquitin-conjugating enzyme E2T (putative) [Homo sapiens (human)]
Official Symbol	UBE2T
Synonyms	UBE2T; ubiquitin-conjugating enzyme E2T (putative); ubiquitin-conjugating enzyme E2 T; HSPC150; ubiquitin-protein ligase T; ubiquitin carrier protein T; ubiquitin conjugating enzyme; cell proliferation-inducing gene 50 protein; HSPC150 protein similar to ubiquitin-conjugating enzyme; PIG50;
Gene ID	29089
mRNA Refseq	NM_014176
Protein Refseq	NP_054895
MIM	610538
UniProt ID	Q9NPD8

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