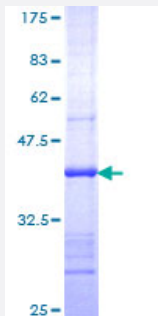


UBE2C (Human) Recombinant Protein (Q01)

Catalog # H00011065-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human UBE2C partial ORF (NP_008950, 70 a.a. - 179 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AGTVYEDLRYKLSLEFSPGYNAPT VKFLTPCYHPNVD TQGNICLDILKEKWSALYDVRTILLSIQS LLGEPNIDSPLNTHAAELWKNPTAFKKYLQETYSKQVTSQEP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (95); Rat (96)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — UBE2C

Entrez GeneID [11065](#)

GeneBank Accession# [NM_007019](#)

Protein Accession# [NP_008950](#)

Gene Name UBE2C

Gene Alias UBCH10, dJ447F3.2

Gene Description ubiquitin-conjugating enzyme E2C

Omim ID [605574](#)

Gene Ontology [Hyperlink](#)

Gene Summary The modification of proteins with ubiquitin is an important cellular 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. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is required for the destruction of mitotic cyclins and for cell cycle progression. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000031653|OTTHUMP00000031655|cyclin-selective ubiquitin carrier protein|mitotic-specific ubiquitin-conjugating enzyme|ubiquitin carrier protein E2-C|ubiquitin-protein ligase C

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)