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Product datasheet for AR50505PU-N

UBE2C / UBCH10 (1-179, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	UBE2C / UBCH10 (1-179, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMASQNRD PAATSVAAAR KGAEPSGGAA RGPVGKRLQQ ELMTLMMSGD KGISAFPESD NLFKWVGTIH GAAGTVYEDL RYKLSLEFPS GYPYNAPTVK FLTPCYHPNV DTQGNICLDI LKEKWSALYD VRTILLSIQS LLGEPNIDSP LNTHAAELWK NPTAFKKYLQ ETYSKQVTSQ EP
Tag:	His-tag
Predicted MW:	22.1 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UBE2C protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001268670
Locus ID:	11065
UniProt ID:	O00762, A0A087WVK1
Cytogenetics:	20q13.12
Synonyms:	dJ447F3.2; UBCH10

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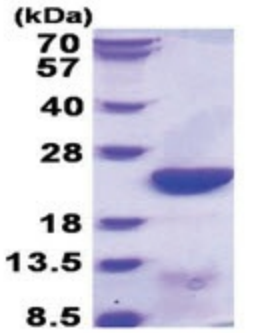
Summary: The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, ubiquitin-conjugating enzymes, and ubiquitin-protein ligases. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein is required for the destruction of mitotic cyclins and for cell cycle progression, and may be involved in cancer progression. Multiple transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene have been defined on chromosomes 4, 14, 15, 18, and 19. [provided by RefSeq, Aug 2013]

Protein Families: Druggable Genome

Protein Pathways: Ubiquitin mediated proteolysis

Product images:



15% SDS-PAGE (3ug)

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