

Product datasheet for PH308741

UBE2C (NM_007019) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UBE2C MS Standard C13 and N15-labeled recombinant protein (NP_008950)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208741
Predicted MW:	19.7 kDa
Protein Sequence:	>RC208741 protein sequence Red=Cloning site Green=Tags(s) MASQNRDPAATSVAARKGAEPSSGGAARGPVGKRLQQELMTLMMSGDKGISAFPESDNLFKWVGTIHGAA GTVYEDLRYKLSLEFPSGYPNAPTVMFLTPCYHPNVDQGNICLDILKEKWSALYDVRTILLSIQSLLG EPNIDSPLNTHAAELWKNPTAFKKYLQETYSKQVTSQEP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_008950
RefSeq Size:	864
RefSeq ORF:	537
Synonyms:	dj447F3.2; UBCH10
Locus ID:	11065
UniProt ID:	O00762 , Q5TZN3



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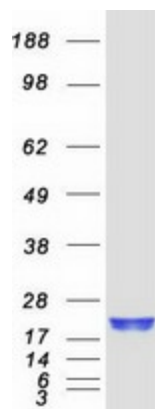
Cytogenetics: 20q13.12

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:



Coomassie blue staining of purified UBE2C protein (Cat# [TP308741]). The protein was produced from HEK293T cells transfected with UBE2C cDNA clone (Cat# [RC208741]) using MegaTran 2.0 (Cat# [TT210002]).