

Product datasheet for PH313678

UBE2Q1 (NM_017582) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UBE2Q1 MS Standard C13 and N15-labeled recombinant protein (NP_060052)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213678
Predicted MW:	45.9 kDa
Protein Sequence:	>RC213678 representing NM_017582 Red=Cloning site Green=Tags(s)

MQQPQPQGQQQPQGGQQLGGQGAAPGAGGGPGGGPGPCLRRELKLLLESIFHRGHERFRIASACLDLS
CEFLLAGAGGAGAGAAPGPHLPPRGSVPGDPVRIHCNITESYPVPPPIWSVESDDPNLA AVLRLVDIKK
GNTLLLQHLKRIISDLCKLYNLPQHPDVEMLDQPLPAEQCTQEDVSSSEDEEMPEDTEDLDHYEMKEEE
PAEGKSEDDGIGKENLAILEKIKKNQRQDYLNQAVSGSVQATDRLMKELRDIYRSQSFKGGNYAVELVN
DSLVDWNVKLLKVDQDSALHNDLQILKEKEGADFILLNFSKDNFPDPPFVVRVSPVLGGYVLGGGAI
CMELLTKQGWSSAYSIESVIMQISATLVK GKARVQFGANKSQYSLTRAQQSYKSLVQIHEKNGWYTPPKE
DG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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:	<u>NP_060052</u>
RefSeq Size:	3223
RefSeq ORF:	1266
Synonyms:	GTAP; NICE-5; NICE5; PRO3094; UBE2Q



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Locus ID: 55585

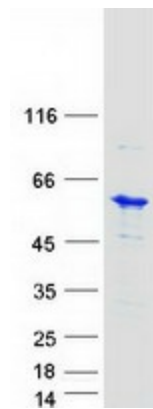
UniProt ID: [Q7Z7E8](#)

Cytogenetics: 1q21.3

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 (E1s), ubiquitin-conjugating enzymes (E2s), and ubiquitin-protein ligases (E3s). This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein is 98% identical to the mouse counterpart. [provided by RefSeq, Jul 2008]

Protein Pathways: Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified UBE2Q1 protein (Cat# [TP313678]). The protein was produced from HEK293T cells transfected with UBE2Q1 cDNA clone (Cat# [RC213678]) using MegaTran 2.0 (Cat# [TT210002]).