

Product datasheet for PH317945

UBE2I (NM_194259) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UBE2I MS Standard C13 and N15-labeled recombinant protein (NP_919235)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217945
Predicted MW:	17.8 kDa
Protein Sequence:	>RC217945 representing NM_194259 Red=Cloning site Green=Tags(s) MSGIALSRLAQERKAWRKDHPFGFVAVPTKNPDGTMNLMNWECAIPGKKGTPWEGGLFKLRMLFKDDYPS SPPKCKFEPPLFHPNVYPSGTVCLSIILEEDKDWRAITIKQILLGIQELLNEPNIQDPAQAEAYTIYCQN RVEYEKRVRAQAKKFAPS 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:	NP_919235
RefSeq Size:	1478
RefSeq ORF:	474
Synonyms:	C358B7.1; P18; UBC9
Locus ID:	7329
UniProt ID:	P63279 , A8K503



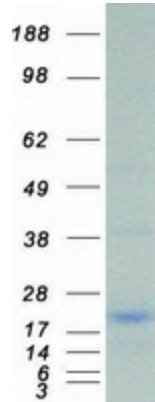
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Cytogenetics: 16p13.3

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, 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. Four alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Pathways: Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified UBE2I protein (Cat# [TP317945]). The protein was produced from HEK293T cells transfected with UBE2I cDNA clone (Cat# [RC217945]) using MegaTran 2.0 (Cat# [TT210002]).