

Product datasheet for TP301159

UBE2G1 (NM_003342) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, yeast) (UBE2G1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201159 representing NM_003342 Red=Cloning site Green=Tags(s) MTELQSALLRRQLAELNKNPVEGFSAGLIDDNDLYRWEVLIIGPPDTLYEGGVFKAHLTFPKDYPLRPP KMKFITEIWHPNVDKNGDVCISILHEPGEDKYGYEKPEERWLPPIHTVETIMISVISMLADPNGDSPANVD AAKEWREDRNGEFKRKVARCVRKSQETAPE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	19.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003333
Locus ID:	7326
UniProt ID:	P62253



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RefSeq Size: 4208

Cytogenetics: 17p13.2

RefSeq ORF: 510

Synonyms: E217K; UBC7; UBE2G

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 and catalyzes the covalent attachment of ubiquitin to other proteins. The protein may be involved in degradation of muscle-specific proteins. [provided by RefSeq, Jul 2008]

Protein Pathways: Parkinson's disease, Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified UBE2G1 protein (Cat# TP301159). The protein was produced from HEK293T cells transfected with UBE2G1 cDNA clone (Cat# [RC201159]) using MegaTran 2.0 (Cat# [TT210002]).