

Product datasheet for **TP304194M**

Rad6 (UBE2A) (NM_003336) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin-conjugating enzyme E2A (RAD6 homolog) (UBE2A), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204194 protein sequence Red =Cloning site Green =Tags(s)
	 MSTPARRRLMRDFKRLQEDPPAGVSGAPSENNIMVWNAVIFGPEGTPFEDGTFKLTIEFTEEYPNKPPTV RFVSKMFHPNVYADGSICLDILQNRWSPTYDVSSILTSIQSLLDEPNPNSPANSSAAQLYQENKREYEKR VSAIVEQSWRDC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	17.1 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:	<u>NP_003327</u>
Locus ID:	7319
UniProt ID:	<u>P49459</u>



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RefSeq Size: 1878

Cytogenetics: Xq24

RefSeq ORF: 456

Synonyms: HHR6A; MRXS30; MRXSN; RAD6A; UBC2

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. This enzyme is required for post-replicative DNA damage repair, and may play a role in transcriptional regulation. Mutations in this gene are associated with cognitive disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]

Protein Families: Druggable Genome

Protein Pathways: Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified UBE2A protein (Cat# [TP304194]). The protein was produced from HEK293T cells transfected with UBE2A cDNA clone (Cat# [RC204194]) using MegaTran 2.0 (Cat# [TT210002]).