

## Product datasheet for **TP317407M**

### UBE4A (NM\_004788) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitination factor E4A (UFD2 homolog, yeast) (UBE4A), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217407 representing NM_004788 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTDQENNNNINSSNPFAALFGSLADAKQFAAIQKEQLKQQSDELPAASPDDSDNSVSESLDEFDYSVAEISR  
SFRSQQEICEQLNINHMIQRIFLITLDNSDPSLKSNGGIPSRVYLEEMAVELEDQDWLDMNSVEQALFA  
RLLQLQDPGNHLINMTSSTLNLNSADRDAGERHIFCYLYSCFQRAKEEITKVPENLLPFAVQCRNLTVSNT  
RTVLLTPEIYVDQNIHEQLVDLMLEAIQGAREYMNKIYFEDVTEFLEEVI EALILDEEVRTFPEVMIPVF  
DILLGRIKDLELCQILLYAYLDILLYFTRQKDMAKVFVEYIQPKDPTNGQMYQKTL LGVILSISCLLKTP  
GVVENHGYFLNPSRSPQEIKVQEANIHQFMAQFHEKIQMLKNLLQLSPETKH CILSWLGNCLHANAGR  
TKIWANQMPEIFFQMYASDAFFLNLGAALLKLCQPFCKPRSSRLTFNPTYCALKELNDEERKIKNVHMR  
GLDKETCLIPAVQEPKFPQNYNLVTENLALTEYTLYLGFHRLHDQMVKINQNLHRLQVAWRDAQSSSPA  
ADNLREQFERLMTIYLSTKTAMTEPQMLQNCLNLQVSMALLVQLAIGNEGSQPIELTFPLPDGYSSLAY  
VPEFFADNLGDFLIFLRRFADDILETSADSLEHVLHFITIFTGSIERMKNPHLRAKLAEVLEAVMPHLDQ  
TPNPLVSSVFHRKRVFCNFQYAPQLAEALIKVFVDIEFTGDPHQFEQKFNYRRPMPYILRYMWGTDTYRE  
SIKDLADYASKNLEAMNPPLFLRFLNLLMND AIFLLDEAIQYLSKIKIQIEKDRGEWDSLTPEARREKE  
AGLQMFGQLARFHNIMSNETIGTLAFLTSEIKSLFVHPFLAERIISMLNYFLQHLVGP KMGALKVKDFSE  
FDFKPPQLVSDICTIYLN LGDEENFCATVPKDGRSYSPTLFAQTVRVLK KINKPGNMIMAFS NLAERIKS  
LADLQQQEETYADACDEFDLPIMSTLMCDPVVLPSSRVTVDRSTIARHLLSDQTD PFNRSPLTMDQIRP  
NTELKEKIQRWLAERKQKQKELE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

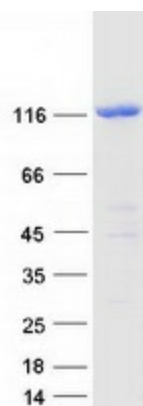
Tag:	C-Myc/DDK
Predicted MW:	123.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_004779</a>
<b>Locus ID:</b>	9354
<b>UniProt ID:</b>	<a href="#">Q14139</a> , <a href="#">B0YJB6</a>
<b>RefSeq Size:</b>	6138
<b>Cytogenetics:</b>	11q23.3
<b>RefSeq ORF:</b>	3219
<b>Synonyms:</b>	E4; UBOX2; UFD2
<b>Summary:</b>	This gene encodes a member of the U-box ubiquitin ligase family. The encoded protein is involved in multiubiquitin chain assembly and plays a critical role in chromosome condensation and separation through the polyubiquitination of securin. Autoantibodies against the encoded protein may be markers for scleroderma and Crohn's disease. A pseudogene of this gene is located on the long arm of chromosome 3. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2011]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Ubiquitin mediated proteolysis

### Product images:



Coomassie blue staining of purified UBE4A protein (Cat# [TP317407]). The protein was produced from HEK293T cells transfected with UBE4A cDNA clone (Cat# [RC217407]) using MegaTran 2.0 (Cat# [TT210002]).