

Product datasheet for TP317407L

UBE4A (NM_004788) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitination factor E4A (UFD2 homolog, yeast) (UBE4A), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217407 representing NM_004788 Red=Cloning site Green=Tags(s)

MTDQENNNNINSSNPFAALFGSLADAKQFAAIQKEQLKQQSDELPAASPDDSDNSVSESLDEFDYSVAEISR
SFRSQQEICEQLNINHMIQRIFLITLDNSDPSLKSNGGIPSRVYLEEMAVELEDQDWLDMNSVEQALFA
RLLQDPGNHLINMTSSTLNLNSADRDAGERHIFCYLYSCFQRAKEEITKVPENLLPFAVQCRNLTVSNT
RTVLLTPEIYVDQNIHEQLVDLMLEAIQGAREYMNKIYFEDVTEFLEEVI EALILDEEVRTFPEVMIPVF
DILLGRIKDLELCQILLYAYLDILLYFTRQKDMAKVFVEYIQPKDPTNGQMYQKTLGVLISISCLLKTP
GVVENHGYFLNPSRSPQEIKVQEANIHQFMAQFHEKIYQMLKNLLQLSPETKHILSWLGNCLHANAGR
TKIWANQMPEIFFQMYASDAFFLNLGAALLKLCQPFCKPRSSRLTFNPTYCALKELNDEERKIKNVHMR
GLDKETCLIPAVQEPKFPQNYNLVTENLALTEYTLYLGFHRLHDQMVKINQNLHRLQVAWRDAQSSSPA
ADNLREQFERLMTIYLSTKTAMTEPQMLQNCLNLQVSMALLVQLAIGNEGSQPIELTFPLPDGYSSLAY
VPEFFADNLGDFLIFLRRFADDILETSADSLEHVLHFITIFTGSIERMKNPHLRAKLAEVLEAVMPHLDQ
TPNPLVSSVFHRKRVFCNFQYAPQLAEALIKVFVDIEFTGDPHQFEQKFNYYRRMPYILRYMWGTDTYRE
SIKDLADYASKNLEAMNPPLFLRFLNLLMNDIAIFLLDEAIQYLSKIKIQIEKDRGEWDSLTPPEARREKE
AGLQMFGQLARFHNIMSNETIGTLAFLTSEIKSLFVHPFLAERIISMLNYFLQHLVGPKMKGALKVKDFSE
FDFKPPQLVSDICTIYLNLDGEENFCATVPKDGRSYSPTLFAQTVRVLKKINKPGNMIMAFSNAERIKS
LADLQQQEETYADACDEFDLPIMSTLMCDPVVLPSSRVTVDRSTIARHLLSDQTDPFNRSPLTMDQIRP
NTELKEKIQRWLAERKQKQKELE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

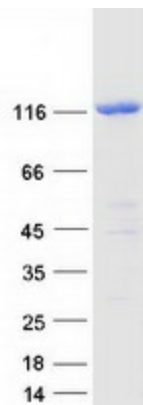
Tag:	C-Myc/DDK
Predicted MW:	123.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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_004779
Locus ID:	9354
UniProt ID:	Q14139 , B0YJB6
RefSeq Size:	6138
Cytogenetics:	11q23.3
RefSeq ORF:	3219
Synonyms:	E4; UBOX2; UFD2
Summary:	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]
Protein Families:	Druggable Genome
Protein Pathways:	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]).