

Product datasheet for PH317407

UBE4A (NM_004788) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UBE4A MS Standard C13 and N15-labeled recombinant protein (NP_004779)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217407
Predicted MW:	123.3 kDa
Protein Sequence:	>RC217407 representing NM_004788 Red=Cloning site Green=Tags(s)

MTDQENNNNISSNPFAALFGSLADAKQFAAIQKEQLKQQSDELPA SPDDSDNSVSESLDEFDYSVAEISR
SFRSQQEICEQLNINHMIQRIFLITLDNSDPSLKSGNGIPSRVCVYLEEMAVELEDDQWLDMSNVEQALFA
RLLLQDPGNHLINMTSSTLNL SADR DAGERHIFCYLYSCFQRAKEEITKVPENLLPFAVQCRNLTVSNT
RTVLLTPEIYVDQNIHEQLVDLML EAIQGAREYMNKIYFEDVTEFLEEVI EALILDEEVRTFPEVMIPVF
DILLGRIKDLELCQILLYAYLDILLYFTRQKDMAKVFVEYIQPKDPTNGQMYQKTL LGVILSISCLLKTP
GVVENHG YFLNPSRSPQEIKVQE ANIHQFMAQFHEKIYQMLKNLLQLSPETKHCILSWLGNCLHANAGR
TKIWANQMPEIFFQMYASDAFFLNLGAALLKLCQPFCKPRSSRLLTFNPTYCALKELNDEERKIKNVHMR
GLDKETCLIPAVQEPKFPQNYNLVTENLALTEYTL YLGFHRLHDQMVKINQNLHRLQVAWRDAQSSSPA
ADNLRQFERLMTIYLSTKTAMTEPQMLQNLNLQVSMVLLVQLAIGNEGSQPIELTFPLPDGYSSLAY
VPEFFADNLGDFLIFLRRFADDILETSADSLEHVLHFITIFTGSIERMKNPHLRAKLAEVLEAVMPHLDQ
TPNPLVSSVFHRKRVFCNFQYAPQLAEALIKVFDIEFTGDPHQFEQKFNYRRMPYILRYMWGTDTYRE
SIKDLADYASKNLEAMNPLFLRFLNLLMND AIFLLDEAIQYLSKIKIQQIEKDRGEWDSLTPPEARREKE
AGLQMFQQLARFHNMISNETIGTLAFLTSEIKSLFVHPFLAERIISMLNYFLQHLVGPKM GALKVKDFSE
FDFKPPQQLVSDICTIYLNLDGDEENFCATVPKDGRSYSPTLFAQTVRVLK KINKPGNMIMAFSNLAERIKS
LADLQQQEEET YADACDEF LDPIMSTLMCDPVVLPSSRVTVDRSTIARHLLSDQTD PPFNRSPLTMDQIRP
NTELKEKIQRWLAERKQKQKEQLE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

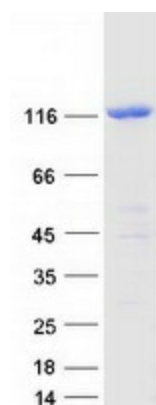
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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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_004779
RefSeq Size:	6138
RefSeq ORF:	3219
Synonyms:	E4; UBOX2; UFD2
Locus ID:	9354
UniProt ID:	Q14139 , BOYJB6
Cytogenetics:	11q23.3
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]).