

Product datasheet for RC215250

ARFBP1 (HUWE1) (NM_031407) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARFBP1 (HUWE1) (NM_031407) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ARFBP1
Synonyms:	ARF-BP1; HECTH9; HSPC272; Ib772; LASU1; MRXST; MULE; URE-B1; UREB1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC215250 representing NM_031407. Blue=ORF Red=Cloning site Green=Tag(s)

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Protein Sequence:

>Peptide sequence encoded by RC215250
 Blue=ORF Red=Cloning site Green=Tag(s)

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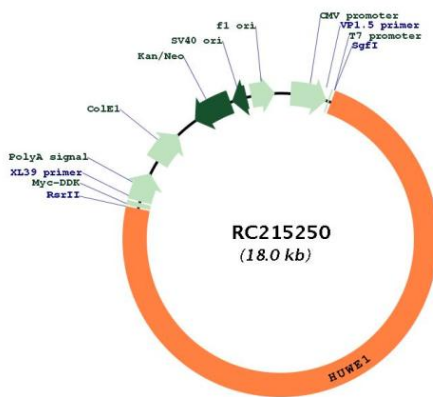
Chromatograms: https://cdn.origene.com/chromatograms/mg4869_g11.zip

Restriction Sites: Sgfl-RsrII

RefSeq ORF: 13125 bp
Locus ID: 10075
UniProt ID: [Q7Z6Z7](#)
Cytogenetics: Xp11.22
Domains: UBA, HECT, WWE
Protein Families: Druggable Genome
Protein Pathways: Ubiquitin mediated proteolysis
MW: 481.8 kDa

Gene Summary: This gene encodes a protein containing a C-terminal HECT (E6AP type E3 ubiquitin protein ligase) domain that functions as an E3 ubiquitin ligase. The encoded protein is required for the ubiquitination and subsequent degradation of the anti-apoptotic protein Mcl1 (myeloid cell leukemia sequence 1 (BCL2-related)). This protein also ubiquitinates the p53 tumor suppressor, core histones, and DNA polymerase beta. Mutations in this gene are associated with Turner type X-linked syndromic cognitive disability. [provided by RefSeq, Aug 2013]

Product images:



Circular map for RC215250