

**AR51213PU-N****Human APOBEC4 (1-367, His-tag) - Purified**

<b>Alternate names:</b>	APOBEC-4, C1orf169, Putative C->U-editing enzyme APOBEC-4. Apolipoprotein B mRNA editing enzyme antibody, anti-catalytic polypeptide-like 4
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml (determined by Bradford assay)
<b>Background:</b>	The APOBEC4 is a member of the AID/APOBEC family of polynucleotide (deoxy)cytidine deaminases, which convert cytidine to uridine. Other AID/APOBEC family members are involved in Mrna editing, somatic hypermutation and recombination of immunoglobulin genes, and innate immunity to retroviral infection.
<b>Uniprot ID:</b>	<a href="#">Q8WW27</a>
<b>NCBI:</b>	<a href="#">NP_982279</a>
<b>GeneID:</b>	<a href="#">403314</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >85% by SDS - PAGE <b>Buffer System:</b> 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
<b>Description:</b>	Recombinant human APOBEC4 protein, fused to His-tag at N-terminus, was expressed in E.coli. <b>AA Sequence:</b> MGSSHHHHHH SSGLVPRGSH MGSMEPIYEE YLANHGTVK PYYWLSFSLD CSNCPYHIRT GEEARVSLTE FCQIFGFPYG TTFPQTKHLT FYELKTSSGS LVQKGHASSC TGNYIHPESM LFEMNGYLDL AIYNNDLSIRH IILYSNNSPC NEANHCCISK MYNFLITYPG I TLSIYFSQL YHTEMDFPAS AWNREALRSL ASLWPRVVLS PISGGIWHVS LHSFISGVSG SHVFQPILTG RALADRHAY EINAITGVKP YFTDVLQTK RNPNTKAQEA LESYPLNNAF PGQFFQMPSG QLQPNLPPDL RAPVVFVLP LRDLPMMHG QNPKNPRNIV RHLNMPQMSF QETKDLGRLP TGRSVEIVEI TEQFASSKEA DEKKKKKGKK <b>Molecular weight:</b> 44.0 kDa (390aa)
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Prochnow,C., et al. (2009) Sci. China, C, Life Sci. 52 (10), 893-902 Rogozin,I.B., et al. (2005) Cell Cycle 4 (9), 1281-1285

Pictures:

