

AR51213PU-S

Human APOBEC4 (1-367, His-tag) - Purified

Alternate names:	APOBEC-4, C1orf169, Putative C→U-editing enzyme APOBEC-4. Apolipoprotein B mRNA editing enzyme antibody, anti-catalytic polypeptide-like 4
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q8WW27
NCBI:	NP_982279
GeneID:	403314
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Description:	Recombinant human APOBEC4 protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMEPIYEE YLANHGTVK PYYWLSFSLD CSNCPYHIRT GEEARVSLTE FCQIFGFPYG TTFPQTKHLT FYELKTSSGS LVQKGHASSC TGNVIHPESM LFEMNGYLDI AIYNNDISIRH IILYSNNSPC NEANHCCISK MYNFLTITPG ITLSIYFSQL YHTEMDFPAS AWNREALRSL ASLWPRVLS PISGGIWHVS LHSFISGVSG SHVFQPIITG RALADRHAY EINAITGVKP YFTDVLQTK RNPNTKAQEA LESYPLNNAF PGQFFQMPSPG QLQPNLPPDL RAPVVFVLP LRDLPMMHM QPNKPRNIV RHLNMPQMSF QETKDLGRLP TGRSVEIVEI TEQFASSKEA DEKKKKKGKK Molecular weight: 44.0 kDa (390aa)
Storage:	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.
General Readings:	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:

