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32-3214: APOBEC4 Recombinant Protein

Alternative Name :	Apolipoprotein B MRNA Editing Enzyme,Catalytic Polypeptide-Like 4 (Putative),C1orf169,Apolipoprotein B MRNA-Editing Enzyme Catalytic Polypeptide-Like 4,Chromosome 1 Open Reading Frame 169,Putative C->U-Editing Enzyme APOBEC-4,EC 3.5.4.

Description

Source : Escherichia Coli. APOBEC4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 390 amino acids (1-367aa) and having a molecular mass of 44kDa.APOBEC4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. APOBEC4 belongs to the AID/APOBEC family of polynucleotide (deoxy)cytidine deaminases, which convert cytidine to uridine. Further AID/APOBEC family members are implicated in Mrna editing, somatic hypermutation and recombination of immunoglobulin genes, and innate immunity to retroviral infection. Among the diseases associated with APOBEC4 are systemic lupus erythematosus, and lupus erythematosus.

Product Info

Amount :	20 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	APOBEC4 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMEPIYEE YLANHGTIVK PYYWLSFSLD CSNCPYHIRT GEEARVSLTEFCQIFGFPYG TTFPQTKHLT FYELKTSSGS LVQKGHASSC TGNYIHPESM LFEMNGYLDS AIYNNDSIRHIILYSNNSPC NEANHCCISK MYNFLITYPG ITLSIYFSQL YHTEMDFPAS AWNREALRSL ASLWPRVVLS PISGGIWHSV LHSFISGVSGSHVFQPILTG RALADRHNAY EINAITGVKP YFTDVLLQTK RNPNTKAQEA LESYPLNNAF PGQFFQMPSGQLQPNLPPDL RAPVVFVLVP LRDLPPMHMG QNPNKPRNIV RHLNMPQMSF QETKDLGRLP TGRSVEIVEI TEQFASSKEA DEKKKKKGKK

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