

## 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 AIYNND SIRHIILYSNNSPC NEANHCCISK MYNFLTYPG I TLSIYFSQL  
YHTEMDFPAS AWNREALRSL ASLWPRVLS PISGGIWHSV LHSFISGVSGSHVFQPILTG  
RALADRHAY EINAITGPK YFTDVLQTK RNPNTKAQEA LESYPLNNAF  
PGQFFQMPSGQLQPNLPPDL RAPVVFVLP LRDLPMMHMG QNPNKPRNIV RHLNMPQMSF  
QETKDLGRLP TGRSVEIVEI TEQFASSKEA DEKKKKKGKK

