



Recombinant Rat Putative C->U-editing enzyme APOBEC-4 (Apobec4)

Product Code	CSB-EP724502RA
Abbreviation	Apobec4
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q6AXX9
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MEPLYEEYLT HSGTIVKPYW WLSVSLNCTN CPYHIRTGEE ARVPYTEFHQ TFGFPWSTYP QTKHLTFYEL RSSSGNLIQK GLASNCTGSH THPESMLFER DGYLDSLIFH DSNIRHIILY SNNSPCDEAN HCCISKMYNF LMNYPEVTLN VFFSQLYHTE NQFPTSAWNR EALRGLASLW PQVTLNLSAIG GIWQSILETF VSGISEGLTA VRPFTAGRTL TDRYNAYEIN CITEVKPYFT DALHSWQKEN QDQKVWAASE NQPLHNTTPA QWQPDMSQDC RTPAVFMLVP YRDLPIHVN PSPQKPRTVV RHLNLTQLSA SKVKALRKSP SGRPVKKEEA RKGSTRSQEA NETNKSQWKK QTLFIKSNIC HLLEREQKKI GILSSWSV
Source	E.coli
Target Names	Apobec4
Protein Names	Recommended name: Putative C->U-editing enzyme APOBEC-4 EC= 3.5.4.- Alternative name(s): Apolipoprotein B mRNA-editing enzyme catalytic polypeptide-like 4
Expression Region	1-388
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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