



# Recombinant Human Probable DNA dC->dU-editing enzyme APOBEC-3D (APOBEC3D)

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| <b>Product Code</b>      | CSB-MP846585HU   |
| <b>Abbreviation</b>      | APOBEC3D   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | Q96AK3   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MNPQIRNPME RMYRDTFYDN FENEPILYGR SYTWLCYEVK IKRGRSNLLW<br>DTGVFRGPVL PKRQSNHRQE VYFRFENHAE MCFLSWFCGN RLPANRRFQI<br>TWFVSWNPCL PCVVKVTKFL AEHPNVTI SAARLYYYRD RDWRWVLLRL<br>HKAGARVKIM DYEDFAYCWE NFVCNEGQPF MPWYKFDDNY ASLHRTLKEI<br>LRNPMEAMYP HIFYFHFKNL LKACGRNESW LCFTMEVTKH HSAVFRKRGV<br>FRNQVDPETH CHAERCFLSW FCDDILSPNT NYEVTWYTSW SPCPECAGEV<br>AEFLARHSNV NLTIFTARLC YFWDTDYQEG LCSLSQEGAS VKIMGYKDFV<br>SCWKNFVYSD DEPFKPWKGL QTNFRLKRR LREILQ |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | APOBEC3D   |
| <b>Protein Names</b>     | Recommended name: Probable DNA dC->dU-editing enzyme APOBEC-3D<br>EC= 3.5.4.-  |
| <b>Expression Region</b> | 1-386  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Target Details</b>    | This gene is a member of the cytidine deaminase gene family. It is one of a group of related genes found in a cluster, thought to result from gene duplication, on chromosome 22. Members of the cluster encode proteins that are structurally and functionally related to the C to U RNA-editing cytidine deaminase APOBEC1 and inhibit retroviruses, such as HIV, by deaminating cytosine residues in nascent retroviral cDNA.                           |
| <b>Reconstitution</b>    | 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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