



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

<b>Product Code</b>	CSB-YP846585HU
<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. 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 DTGVFRGPVL PKRQSNHRQE VYFRFENHAE MCFLSWFCGN RLPANRRFQI TWFVSWNPCL PCVVKVTKFL AEHPNVTI SAARLYYYRD RDWRWVLLRL HKAGARVKIM DYEDFAYCWE NFVCNEGQPF MPWYKFDDNY ASLHRTLKEI LRNPMEAMYP HIFYFHFKNL LKACGRNESW LCFTMEVTKH HSAVFRKRGV FRNQVDPETH CHAERCFLSW FCDDILSPNT NYEVTWYTSW SPCPECAGEV AEFLARHSNV NLTIFTARLC YFWDTDYQEG LCSLSQEGAS VKIMGYKDFV SCWKNFVYSD DEPFKPWKGL QTNFRLKRR LREILQ
<b>Source</b>	Yeast
<b>Target Names</b>	APOBEC3D
<b>Protein Names</b>	Recommended name: Probable DNA dC->dU-editing enzyme APOBEC-3D 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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