

Recombinant Human APOBEC3G protein, His-SUMO-tagged

Cat. No. APOBEC3G-6744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOBEC3G protein(Q9HC16)(1-384aa), fused with N-terminal His and SUMO tag, was expressed in vitro E.coli expression system.
Species	Human
Source	E.coli
ProteinLength	1-384aa
Tag	N-His-SUMO
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	62.4 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MKPHFRNTVERMYRDTFSYNFYNRPILSRRNTVWLCYEVKTKGPSRPPLDAKIFRG
 QVYSELKYHPEMRFFHWFSKWRKLHRDQEYEV TWYISWSPCTKCTRDMATFLAED
 PKVTLTIFVARLYYFWDPDYQEALRSLCQKRDGPRATMKIMNYDEFQHCWSK FVYS
 QRELFEPWNNLPKYIYILLHIMLGEILRHSMDPPTFTFNFNNEPWVRGRHET YLCYEV
 ERMHNDTWVLLNQRRGFLCNQAPHKHGFLEGRHAELCFLDVIPFWKLDLDQDYRV
 TCFTSWSPCFSCAQEMAKFISK NKHVSLCIFTARIYDDQGRCQEGLRTLAEAGAKISI
 MTYSEFKHCWDTFVDHQGCPFQPWDGLDEHSQDLSGRLRAILQNQEN

GENE INFORMATION

Gene Name

APOBEC3G apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3G [[Homo sapiens](#)]

Official Symbol

[APOBEC3G](#)

Synonyms

APOBEC3G; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3G; DNA dC->dU-editing enzyme APOBEC-3G; bK150C2.7; CEM15; dJ494G10.1; FLJ12740; MDS019; DNA dC-> dU-editing enzyme APOBEC-3G; APOBEC-related protein 9; dU editing enzyme; phorbolin-like protein MDS019; APOBEC-related cytidine deaminase; apolipoprotein B mRNA editing enzyme cytidine deaminase; ARCD; ARP9; ARP-9; CEM-15;

Gene ID

[60489](#)

mRNA Refseq

[NM_021822](#)

Protein Refseq

[NP_068594](#)

MIM

[607113](#)

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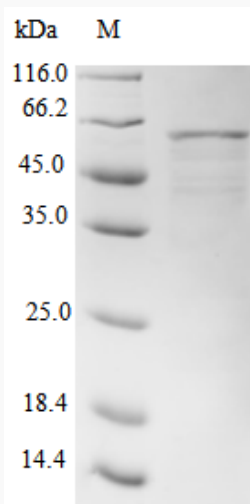
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UniProt ID

Q9HC16

SDS-PAGE

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