

Recombinant Human APOBEC3C, GST-tagged

Cat. No. APOBEC3C-9755H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOBEC3C protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-190a.a.
Description	This gene is a member of the cytidine deaminase gene family. It is one of seven related genes or pseudogenes 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. It is thought that the proteins may be RNA editing enzymes and have roles in growth or cell cycle control.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	APOBEC3C apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3C [
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	Homo sapiens]
Official Symbol	APOBEC3C
Synonyms	APOBEC3C; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3C; probable DNA dC->dU-editing enzyme APOBEC-3C; APOBEC1L; ARDC2; ARDC4; ARP5; bK150C2.3; PBI; probable DNA dC-> dU-editing enzyme APOBEC-3C; phorbolin I; A3C; FLJ37251; MGC19485;
Gene ID	27350
mRNA Refseq	NM_014508
Protein Refseq	NP_055323
MIM	607750
UniProt ID	Q9NRW3
Chromosome Location	22q13.1-q13.2
Function	hydrolase activity; hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in cyclic amidines; metal ion binding; zinc ion binding;