Recombinant Human APOBEC4 protein, GST-tagged

Cat. No. APOBEC4-703H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APOBEC4 full-length ORF (NP_982279.1, 1 a.a. - 367 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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. [provided by RefSeq, Jul 2008]
Molecular Mass	68 kDa
AA Sequence	MEPIYEEYLANHGTIVKPYYWLSFSLDCSNCPYHIRTGEEARVSLTEFCQIFGFPYGT TFPQTKHLTFYELKTSSGSLVQKGHASSCTGNYIHPESMLFEMNGYLDSAIYNNDSI RHIILYSNNSPCNEANHCCISKMYNFLITYPGITLSIYFSQLYHTEMDFPASAWNREAL RSLASLWPRVVLSPISGGIWHSVLHSFISGVSGSHVFQPILTGRALADRHNAYEINAIT GVKPYFTDVLLQTKRNPNTKAQEALESYPLNNAFPGQFFQMPSGQLQPNLPPDLRA PVVFVLVPLRDLPPMHMGQNPNKPRNIVRHLNMPQMSFQETKDLGRLPTGRSVEIV EITEQFASSKEADEKKKKKGKK
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	APOBEC4 apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 4 (putative) [Homo sapiens]
Official Symbol	APOBEC4
Synonyms	APOBEC4; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 4 (putative); C1orf169, chromosome 1 open reading frame 169; putative C->U-editing enzyme APOBEC-4; FLJ25691; MGC26594; RP1 127C7.4; putative C-> U-editing enzyme APOBEC-4; apolipoprotein B mRNA-editing enzyme catalytic polypeptide-like 4; C1orf169;
Gene ID	403314
mRNA Refseq	NM_203454
Protein Refseq	NP_982279
MIM	609908
UniProt ID	Q8WW27

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