

## 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**

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MEPIYEEYLANHGTIVKPYWLSFSLDCSNCPYHIRTGEEARVSLTEFCQIFGFPYGT
TFPQTKHLTFYELKTSSGSLVQKGHASSCTGNYPESMLFEMNGYLDSAIYNNDSI
RHIIYSNNSPCNEANHCCISKMYNFLITYPGITLSIYFSQLYHTEMDFPASAWNREAL
RSLASLWPRVVLSPISGGIWHSVLHSFISGVSGSHVFQPILTGRALADRHNAEINAIT
GVKPYFTDVLLQTKRNPNTKAQEALSYPLNNAFPGQFFQMPSGQLQPNLPPDLRA
PVVFLVPLRDLPPMHMGQNPKNPRNIVRHLNMPQMSFQETKDLGRLPTGRSVEIV
EITEQFASSKEADEKKGKGGK
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**Applications** Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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

## GENE INFORMATION

<b>Gene Name</b>	APOBEC4 apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 4 (putative) [ Homo sapiens ]
<b>Official Symbol</b>	APOBEC4
<b>Synonyms</b>	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;
<b>Gene ID</b>	403314
<b>mRNA Refseq</b>	NM_203454
<b>Protein Refseq</b>	NP_982279
<b>MIM</b>	609908
<b>UniProt ID</b>	Q8WW27

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