

## Recombinant Human APOC3 protein, GST-tagged

**Cat. No.** APOC3-706H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human APOC3 full-length ORF (AAH27977.1, 1 a.a. - 99 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	Apolipoprotein C-III is a very low density lipoprotein (VLDL) protein. APOC3 inhibits lipoprotein lipase and hepatic lipase; it is thought to delay catabolism of triglyceride-rich particles. The APOA1, APOC3 and APOA4 genes are closely linked in both rat and human genomes. The A-I and A-IV genes are transcribed from the same strand, while the A-1 and C-III genes are convergently transcribed. An increase in apoC-III levels induces the development of hypertriglyceridemia. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	37.29 kDa
<b>AA Sequence</b>	MQPRVLLVALLALLASARASEAEDASLLSFMQGYMKHATKTAKDALSSVQESQVA QQARGWVTDGFSSLKDYWSTVKDKFSEFWDLDPVVRPTSAVAA
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.

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**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** APOC3 apolipoprotein C-III [ Homo sapiens ]

**Official Symbol** APOC3

**Synonyms** APOC3; apolipoprotein C-III; apo-CIII; apoC-III; apolipoprotein C3; HALP2; APOCIII; MGC150353;

**Gene ID** 345

**mRNA Refseq** NM\_000040

**Protein Refseq** NP\_000031

**MIM** 107720

**UniProt ID** P02656

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