

## Recombinant Human APOC2 protein, GST-tagged

Cat. No. APOC2-705H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human APOC2 full-length ORF ( ENSP00000252490, 1 a.a. - 101 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	This gene encodes a lipid-binding protein belonging to the apolipoprotein gene family. The protein is secreted in plasma where it is a component of very low density lipoprotein. This protein activates the enzyme lipoprotein lipase, which hydrolyzes triglycerides and thus provides free fatty acids for cells. Mutations in this gene cause hyperlipoproteinemia type IB, characterized by hypertriglyceridemia, xanthomas, and increased risk of pancreatitis and early atherosclerosis. This gene is present in a cluster with other related apolipoprotein genes on chromosome 19. Naturally occurring read-through transcription exists between this gene and the neighboring upstream apolipoprotein C-IV (APOC4) gene. [provided by RefSeq, Mar 2011]
<b>Molecular Mass</b>	37.7 kDa
<b>AA Sequence</b>	MGTRLLPALFLVLLVLGFEVQGTQQPQQDEMPSPTFLTQVKESLSSYWESAKTAAQ NLYEKTYLPAVDEKLRDLYSKSTAAMSTYTGIFTDQVLSVLKGE
<b>Applications</b>	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.

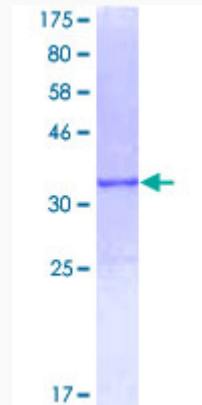
## GENE INFORMATION

<b>Gene Name</b>	<a href="#">APOC2 apolipoprotein C-II [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">APOC2</a>
<b>Synonyms</b>	APOC2; apolipoprotein C-II; apolipoprotein C2; APO-CII; APOC-II; MGC75082;
<b>Gene ID</b>	<a href="#">344</a>
<b>mRNA Refseq</b>	<a href="#">NM_000483</a>
<b>Protein Refseq</b>	<a href="#">NP_000474</a>
<b>MIM</b>	<a href="#">608083</a>
<b>UniProt ID</b>	<a href="#">P02655</a>

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12.5% SDS-PAGE Stained with Coomassie Blue.

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