

Recombinant Human CEL Protein, GST-Tagged

Cat. No. CEL-1109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CEL partial ORF (AAH42510, 378 a.a. - 477 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a glycoprotein secreted from the pancreas into the digestive tract and from the lactating mammary gland into human milk. The physiological role of this protein is in cholesterol and lipid-soluble vitamin ester hydrolysis and absorption. This encoded protein promotes large chylomicron production in the intestine. Also its presence in plasma suggests its interactions with cholesterol and oxidized lipoproteins to modulate the progression of atherosclerosis. In pancreatic tumoral cells, this encoded protein is thought to be sequestered within the Golgi compartment and is probably not secreted. This gene contains a variable number of tandem repeat (VNTR) polymorphism in the coding region that may influence the function of the encoded protein. [provided by RefSeq, Jul 2008]
Molecular Mass	36.74 kDa
AA Sequence	GLRGAKTTFDVYTESWAQDPSQENKKKTVDVFETDVLFLVPTEIALAQHRANAKSAK TYAYLFSHPSRMPVYPKWVGADHADDIQYVFGKPFATPTGYRP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production
Protein Array

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 CEL carboxyl ester lipase (bile salt-stimulated lipase) [Homo sapiens]

Official Symbol CEL

Synonyms CEL; carboxyl ester lipase (bile salt-stimulated lipase); bile salt-activated lipase; BSSL; MODY8; bucelipase; sterol esterase; cholesterol esterase; carboxyl ester hydrolase; bile-salt-activated lipase; pancreatic lysophospholipase; fetoacinar pancreatic protein; lysophospholipase, pancreatic; bile salt-dependent lipase, oncofetal isoform; BAL; FAP; BSDL; CELL; FAPP; LIPA; CEase;

Gene ID 1056

mRNA Refseq NM_001807

Protein Refseq NP_001798

MIM 114840

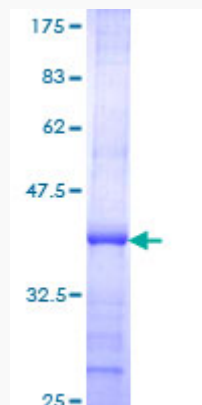
UniProt ID P19835

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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