

Recombinant Human APOBR, GST-tagged

Cat. No. APOBR-9751H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human APOBR protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength C-term-238a.a.

Description Apolipoprotein B48 receptor is a macrophage receptor that binds to the apolipoprotein B48 of dietary triglyceride (TG)-rich lipoproteins. This receptor may provide essential lipids, lipid-soluble vitamins and other nutrients to reticuloendothelial cells. If overwhelmed with elevated plasma triglyceride, the apolipoprotein B48 receptor may contribute to foam cell formation, endothelial dysfunction, and atherothrombogenesis.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name [APOBR apolipoprotein B receptor \[Homo sapiens \]](#)

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Official Symbol	APOBR
Synonyms	APOBR; apolipoprotein B receptor; APOB48R; APOB100R; apolipoprotein B48 receptor; apolipoprotein B100 receptor; apoB-48R; apolipoprotein B-48 receptor; apolipoprotein B-100 receptor;
Gene ID	55911
mRNA Refseq	NM_018690
Protein Refseq	NP_061160
MIM	605220
UniProt ID	Q0VD83
Chromosome Location	16p11.2
Function	receptor activity; very-low-density lipoprotein particle receptor activity;

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