

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 Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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