Recombinant Mouse Rbp4, FLAG-tagged

Cat. No. Rbp4-447M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse RBP4 (aa 19-201) is fused at the N-terminus to a FLAG-tag.
Species	Mouse
Source	HEK293
ProteinLength	19-201 a.a.
Description	Retinol binding protein 4 (RBP4; RBP) is a 21kDa secreted protein, a member of the lipocalin family and is known as the primary transporter of retinol (vitamin A) to tissues. A recent report revealed RBP4 as an adipokine linking glucose transporter 4 (GLUT4) suppression in adipose tissue to insulin. Elevated human and mouse serum RBP4 levels are associated with insulin resistance and its severity, obesity, and certain components of metabolic syndrome. Furthermore, human serum RBP4 levels are closely related to renal function.
Form	Liquid. 0.2μm-filtered solution in PBS, pH 7.2.
Molecular Mass	~23kDa (SDS-PAGE)
Purity	≥90% (SDS-PAGE)
Stability	Working aliquots are stable for up to 3 months when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After opening, prepare

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

	aliquots and store at -20°C. Avoid freeze/thaw cycles.
Concentration	0.3 mg/ml

GENE INFORMATION

Gene Name	Rbp4 retinol binding protein 4, plasma [Mus musculus]
Official Symbol	Rbp4
Synonyms	RBP4; retinol binding protein 4, plasma; retinol-binding protein 4; RBP; PRBP; plasma retinol-binding protein; retinol binding protein 4, cellular; Rbp-4;
Gene ID	19662
mRNA Refseq	NM_001159487
Protein Refseq	NP_001152959
Pathway	Retinol metabolism, organism-specific biosystem;
Function	binding; retinal binding; retinoid binding; retinol binding; retinol binding; retinol transporter activity; transporter activity;

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