

Recombinant Mouse Rbp4 protein(19-201aa), hFc-tagged

Cat. No. Rbp4-2928M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Rbp4 protein(Q00724)(19-201aa), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	19-201aa
Form	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse Ttr at 5 µg/mL can bind Mouse Rbp4, the EC50 is 38.07-75.83 ng/mL.
Molecular Mass	50.3 kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 90% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the

 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

contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

ERDCRVSSFRVKENFDKARFSGWLWYAIKKDPEGLFLQDNIIAEFSVDEKGHMSATA
KGRVRLLSNWEVCADMVGTFTDTEPAKFKMKYWGVASFLQRGNDHWHIIDTDYD
TFALQYSCRLQNLDTGTCADSYSFVFSRDPNGLSPETRRLLVRQRQEELCLERQYRWI
EHNGYCQSRPSRNSL

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](#)

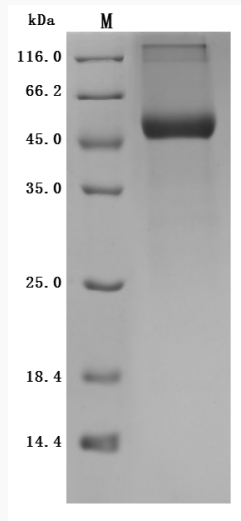
Protein Refseq [NP_001152959](#)

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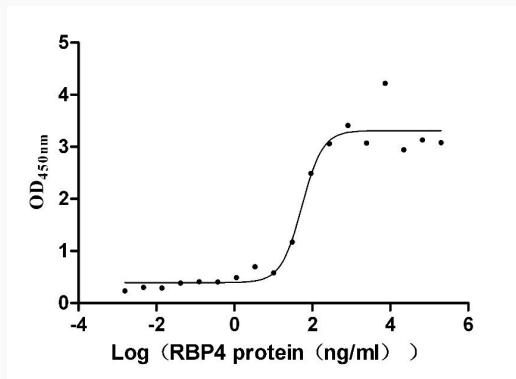
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SDS-PAGE



Activity



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