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Datasheet for ABIN1001144

Retinol-Binding Protein Protein (RBP) (AA 19-201) (His tag)

Overview

Quantity:	10 µg
Target:	Retinol-Binding Protein (RBP)
Protein Characteristics:	AA 19-201
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Retinol-Binding Protein protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

Product Details

Purpose:	Retinol Binding Protein (RBP) (Western Blot Control)
Sequence:	ERDCRVSSFR VKENFDKARF SGTWYAMAKK DPEGLFLQDN ERDCRVSSFR VKENFDKARF SGTWYAMAKK DPEGLFLQDN ERDCRVSSFR VKENFDKARF SGTWYAMAKK DPEGLFLQDN ERDCRVSSFR VKENFDKARF SGTWYAMAKK DPEGLFLQDN LARQYRLIVH NGYCDGRSER NLL
Characteristics:	recombinant Retinol Binding Protein comprises a 183 amino acid fragment (19-201) corresponding to the mature Retinol Binding Protein and is expressed in E. coli with an amino-terminal hexahistidine tag.
Purity:	> 95 %

Target Details

Target:	Retinol-Binding Protein (RBP)
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Target Details

Alternative Name:	Retinol Binding Protein (RBP Products)
Background:	Retinol binding protein (RBP4) belongs to the lipocalin superfamily of proteins. It is synthesized and secreted by hepatic paraenchymal cells and is involved in the binding of retinol and transthyretin preventing loss by glomerular filtration and renal excretion before transport to the peripheral tissues. Increased plasma levels of retinol binding protein have been shown to cause systemic insulin resistance and as such, the protein may play a role in the pathogenesis of Type II diabetes. Plasma retinol binding protein 4 (RBP4), Interstitial retinol binding protein 4, RBP.
Molecular Weight:	25.57 kDa
UniProt:	P02753

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C