

Recombinant Full Length Human RBP4 Protein, C-Flag-tagged

Cat. No. RBP4-1421HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RBP4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This protein belongs to the lipocalin family and is the specific carrier for retinol (vitamin A alcohol) in the blood. It delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin which prevents its loss by filtration through the kidney glomeruli. A deficiency of vitamin A blocks secretion of the binding protein posttranslationally and results in defective delivery and supply to the epidermal cells.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	21 kDa
AA Sequence	MKWWWALFLLAALGSGRAERDCRVSSFRVKENFDKARFSGTWYAMAKKDPEGLFL QDNIVAEFSVDETGQ MSATAKGRVRLNNDVDCADMVGTFTDTEPAKFKMKYW GVASFLQKGNDDHWIVD TDYDTYAVQYSCRL LNLDGTCADSYSFVFSRDPNGLPPEAQKIVRQRQEELCLARQYRLIVHNGYCDGRS ERNLLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Full Length	Full L.

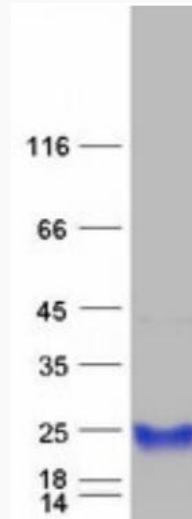
GENE INFORMATION

Gene Name	RBP4 retinol binding protein 4 [Homo sapiens (human)]
Official Symbol	RBP4
Synonyms	RDCCAS; MCOPCB10
Gene ID	5950
mRNA Refseq	NM_006744.4
Protein Refseq	NP_006735.2
MIM	180250
UniProt ID	P02753

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Coomassie blue staining of purified RBP4 protein.

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