

Recombinant Human RBP4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RBP4-781H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RBP4 MS Standard C13 and N15-labeled recombinant protein (NP_006735) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	23 kDa
AA Sequence	MKWWWALFLLAALGSGRAERDCRVSSFRVKENFDKARFSGTWYAMAKKDPEGLFL QDNIVAEFSVDETGMQSATAKGRVRLNNWDVCADMVGTFTDTEPAKFKMKYWG VASFLQKGNDHWIVDTDYDTYAVQYSCRLLNLDGTCADSYSFVFSRDPNGLPPEA QKIVRQRQEELCLARQYRLIVHNGYCDGRSERNLLTRTRPLEQKLISEEDLAANDILD YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

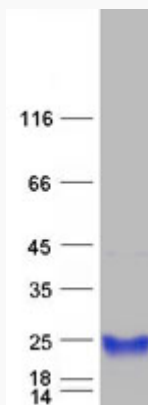
GENE INFORMATION

Gene Name	RBP4 retinol binding protein 4 [Homo sapiens (human)]
Official Symbol	RBP4
Synonyms	RBP4; retinol binding protein 4, plasma; retinol-binding protein 4; RBP; PRBP; plasma retinol-binding protein; retinol-binding protein 4, interstitial;
Gene ID	5950
mRNA Refseq	NM_006744
Protein Refseq	NP_006735
MIM	180250
UniProt ID	P02753

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SDS-PAGE

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