

Recombinant Human RBP7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RBP7-4968H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RBP7 MS Standard C13 and N15-labeled recombinant protein (NP_443192) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the cellular retinol-binding protein (CRBP) family, whose members are required for vitamin A stability and metabolism. The encoded protein binds all-trans-retinol and is structurally similar to other CRBPs; however, it has a lower binding affinity for retinol than other CRBPs.
Molecular Mass	15.5 kDa
AA Sequence	MPADLSGTWTLSSDNFEGYMLALGIDFATR KIAKLLKPQKVIEQNGDSFTIHTNSSL RNYFVKFKVGEFEDEDNRGLDNRKCKSLVIWDNDRLTCIQKGEKKNRGWTHWIEG DKLHLEMFCEGQVCKQTFQRATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [RBP7 retinol binding protein 7 \[Homo sapiens \(human\) \]](#)

Official Symbol [RBP7](#)

Synonyms RBP7; retinol binding protein 7, cellular; retinoid-binding protein 7; CRBP4; CRABP4; CRABP-IV; retinoid binding protein 7; cellular retinoic acid-binding protein 4; cellular retinoic acid-binding protein IV; putative cellular retinol-binding protein CRBP IV; CRBP4; MGC70641;

Gene ID [116362](#)

mRNA Refseq [NM_052960](#)

Protein Refseq [NP_443192](#)

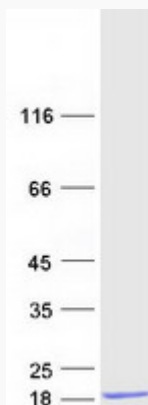
MIM [608604](#)

UniProt ID [Q96R05](#)

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SDS-PAGE

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