

Recombinant Human RBP7, His-tagged

Cat. No. RBP7-31300TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RBP7 with an N terminal His tag ; predicted mwt: 17.6 kDa;
Species	Human
Source	E.coli
ProteinLength	134 amino acids
Description	Due to its chemical instability and low solubility in aqueous solution, vitamin A requires cellular retinol-binding proteins (CRBPs), such as RBP7, for stability, internalization, intercellular transfer, homeostasis, and metabolism.
Conjugation	HIS
Molecular Weight	17.600kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 200mM Sodium chloride, 20mM Tris HCl, 2mM DTT, pH 8
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated

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freeze / thaw cycles.

Sequences of amino acids

MGSSHHHHHH SSGLVPRGSH MPADLSGTWT LLSSDNFEGY MLALGIDFAT
 RKIAKLLKPQ KVIEQNGDSF TIHTNSSLRN YFVKFKVGEE FDEDNRGLDN
 RKCKSLVIWD NDRLTCIQKG EKKNRGWTHW IEGDKLHLEM FCEGQVCKQT
 FQRA

GENE INFORMATION

Gene Name	RBP7 retinol binding protein 7, cellular [Homo sapiens]
Official Symbol	RBP7
Synonyms	RBP7; retinol binding protein 7, cellular; retinoid-binding protein 7; CRBP4;
Gene ID	116362
mRNA Refseq	NM_052960
Protein Refseq	NP_443192
MIM	608604
Uniprot ID	Q96R05
Chromosome Location	1p36.22
Pathway	Vitamin A and carotenoid metabolism, organism-specific biosystem;
Function	lipid binding; retinal binding; retinol binding; transporter activity;

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