

Recombinant Human RBP7, His-tagged

RBP7-382H Human

Lot. No. (See product label)

Specification

Product Overview	A DNA sequence encoding the human RBP7 (NP_443192.1) (Met1-Ala134) was expressed with a polyhistidine tag at the N-terminus.
Source	E. coli
Species	Human
Tag	His
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant human RBP7 consists of 152 amino acids and predicts a molecular mass of 17.8 KDa. It migrates as an approximately 19 KDa band in SDS-PAGE under reducing conditions.
Protein length	Met1-Ala134
Endotoxin	<1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70
Storage	Store it under sterile conditions at -70. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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; 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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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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