

## Recombinant Human RBP1, His-tagged

Cat. No. RBP1-2222H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RBP1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-135aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

### GENE INFORMATION

<b>Gene Name</b>	RBP1 retinol binding protein 1, cellular [ Homo sapiens ]
<b>Official Symbol</b>	RBP1
<b>Synonyms</b>	RBP1; retinol binding protein 1, cellular; retinol-binding protein 1; CRABP I; CRBP; CRBP1; CRBPI; RBPC; CRBP-I; cellular retinol-binding protein I; retinol-binding protein 1, cellular; CRABP-I;

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<b>Gene ID</b>	5947
<b>mRNA Refseq</b>	NM_001130992
<b>Protein Refseq</b>	NP_001124464
<b>MIM</b>	180260
<b>UniProt ID</b>	P09455
<b>Chromosome Location</b>	3q21-q23
<b>Pathway</b>	Retinoic acid receptors-mediated signaling, organism-specific biosystem; Vitamin A and carotenoid metabolism, organism-specific biosystem; retinoate biosynthesis I, conserved biosystem; retinoate biosynthesis I, organism-specific biosystem; retinoate bios
<b>Function</b>	lipid binding; retinal binding; retinoid binding; retinol binding; transporter activity;

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