

## Recombinant Human CRABP2 Protein, MYC/DDK-tagged

Cat. No. CRABP2-3333H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Product Overview</b> | Recombinant Human CRABP2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | This gene encodes a member of the retinoic acid (RA, a form of vitamin A) binding protein family and lipocalin/cytosolic fatty-acid binding protein family. The protein is a cytosol-to-nuclear shuttling protein, which facilitates RA binding to its cognate receptor complex and transfer to the nucleus. It is involved in the retinoid signaling pathway, and is associated with increased circulating low-density lipoprotein cholesterol. Alternatively spliced transcript variants encoding the same protein have been found for this gene. |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 15.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

### GENE INFORMATION

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|------------------------|------------------------------------------------------------------|
| <b>Gene Name</b>       | CRABP2 cellular retinoic acid binding protein 2 [ Homo sapiens ] |
| <b>Official Symbol</b> | CRABP2                                                           |
| <b>Synonyms</b>        | CRABP-II; RBP6                                                   |
| <b>Gene ID</b>         | 1382                                                             |
| <b>mRNA Refseq</b>     | NM_001199723                                                     |
| <b>Protein Refseq</b>  | NP_001186652                                                     |
| <b>MIM</b>             | 180231                                                           |
| <b>UniProt ID</b>      | P29373                                                           |

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