

## Recombinant Human CABP5 protein, His-tagged

Cat. No. CABP5-581H    Lot. No. (See product label)

### SPECIFICATION

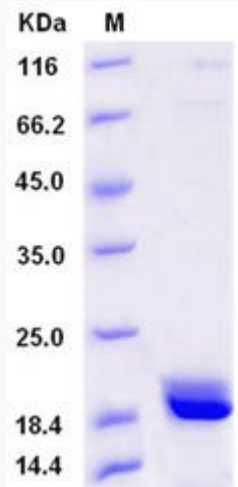
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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CABP5 protein(Q9NP86) (Met1-Arg173) was expressed in E.coli with a polyhistidine tag at the N-terminus.                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-173 aa                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from sterile PBS, 0.1% Tween 20, 50mM Arg, pH 7.4.                                                                                                                        |
| <b>Molecular Mass</b>   | The recombinant human CABP5 consists of 188 amino acids and predicts a molecular mass of 21.7 KDa. It migrates as an approximately 19 KDa band in SDS-PAGE under reducing conditions. |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE.                                                                                                                                                     |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.  |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.         |

### GENE INFORMATION

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|                        |                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CABP5 calcium binding protein 5 [ Homo sapiens ]                                                                                        |
| <b>Official Symbol</b> | CABP5                                                                                                                                   |
| <b>Synonyms</b>        | CABP5; calcium binding protein 5; CABP3, calcium binding protein 3; calcium-binding protein 5; CaBP3; calcium-binding protein 3; CABP3; |
| <b>Gene ID</b>         | 56344                                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_019855                                                                                                                               |
| <b>Protein Refseq</b>  | NP_062829                                                                                                                               |
| <b>MIM</b>             | 607315                                                                                                                                  |
| <b>UniProt ID</b>      | Q9NP86                                                                                                                                  |
| <b>SDS-PAGE</b>        |                                                     |