

## Recombinant Human CABP5 Protein, GST-Tagged

Cat. No. CABP5-0260H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CABP5 full-length ORF (ADR82830.1, 1 a.a. - 173 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	The product of this gene belongs to a subfamily of calcium binding proteins, which share similarity to calmodulin. Calcium binding proteins are an important component of calcium mediated cellular signal transduction. Expression of this gene is retina-specific. The mouse homolog of this protein has been shown to express in the inner nuclear layer of the retina, suggested its role in neuronal functioning. The specific function of this gene is unknown. [provided by RefSeq, Oct 2009]
<b>Molecular Mass</b>	19.1 kDa
<b>AA Sequence</b>	MQFPMGPACIFLRKGI AEKQRERPLGQDEIEELREAFLEFDKDRDGFISCKDLGNLM RTMGYPTEMELIELGQQIRMNLGGRVDFDDFVELMTPKLLAETAGMIGVQEMRDA FKEFDTNGDGEITLVELQQAMQRLLGERLTPREISEVVREADVNGDGTVDFFEEFVK MMSR
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<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

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