

Recombinant Human CABP5 Protein, GST-Tagged

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

SPECIFICATION

Product Overview	Human CABP5 full-length ORF (ADR82830.1, 1 a.a. - 173 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	19.1 kDa
AA Sequence	MQFPMGPACIFLRKGIAEKQRERPLGQDEIEELREAFLEFDKDRDGFISCKDLGNLM RTMGYPTEMELIELGQQIRMNLGGRVDFDDFVELMTPKLLAETAGMIGVQEMRDA FKEFDTNKDGEITLVELQQAMQRLLGERLTPREISEVVREADVNGDGTVDFFEEFK MMSR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CABP5 calcium binding protein 5 [Homo sapiens]
Official Symbol	CABP5
Synonyms	CABP5; calcium binding protein 5; CABP3, calcium binding protein 3; calcium-binding protein 5; CaBP3; calcium-binding protein 3; CABP3;
Gene ID	56344
mRNA Refseq	NM_019855
Protein Refseq	NP_062829
MIM	607315
UniProt ID	Q9NP86