

Recombinant Human CABP5, GST-tagged

Cat. No. CABP5-10631H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human CABP5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 127-162a.a.

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.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name CABP5 calcium binding protein 5 [Homo sapiens]

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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
Chromosome Location	19q13.3
Function	calcium ion binding;

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