

Recombinant Human CALN1, GST-tagged

Cat. No. CALN1-10674H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CALN1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-219a.a.
Description	This gene encodes a protein with high similarity to the calcium-binding proteins of the calmodulin family. The encoded protein contains two EF-hand domains and potential calcium-binding sites. Alternative splicing results in multiple transcript variants.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	CALN1 calneuron 1 [Homo sapiens]
Official Symbol	CALN1

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Synonyms	CALN1; calneuron 1; calcium-binding protein 8; calcium binding protein CABP8; calneuron I; calneuron-1; calcium-binding protein CABP8; CABP8;
Gene ID	83698
mRNA Refseq	NM_001017440
Protein Refseq	NP_001017440
MIM	607176
UniProt ID	Q9BXU9
Chromosome Location	7q11
Function	calcium ion binding;

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