Recombinant Full Length Human CALN1 Protein, GST-tagged

Cat. No. CALN1-3068HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CALN1 full-length ORF (NP_113656.1, 1 a.a. - 219 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	219 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	51.2 kDa
AA Sequence	MPFHHVTAGLLYKGNYLNRSLSAGSDSEQLANISVEELDEIREAFRVLDRDGNGFIS KQELGMAMRSLGYMPSEVELAIIMQRLDMDGDGQVDFDEFMTILGPKLVSSEGRDG FLGNTIDSIFWQFDMQRITLEELKHILYHAFRDHLTMKDIENIIINEEESLNETSGNCQT EFEGVHSQKQNRQTCVRKSLICAFAMAFIISVMLIAANQILRSGME
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	CALN1 calneuron 1 [Homo sapiens]
Official Symbol	CALN1
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

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