

Recombinant Human CALN1, His-tagged

Cat. No. CALN1-27550TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to the cytoplasmic domain of Human Calneuron 1 (amino acids 1-192) with N terminal His-tag.
Species	Human
Source	E.coli
ProteinLength	192 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.
Conjugation	HIS
Molecular Weight	24.000kDa inclusive of tags
Tissue specificity	Brain specific.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: 0% None Constituents: 10% Glycerol, 50mM Sodium chloride, 20mM Tris HCl, 2mM DTT, 0.1mM PMSF, pH 8.0

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MPFHHVTAGL LYKGNLYNRS LSAGSDSEQL ANISVEELDE IREAFRVLDR DGNGFISKQE LGMAMRSLGY MPSEVELAII MQRLDMDGDG QVDFDEFMTI LGPKLVSSEG RDGFLGNTID SIFWQFDMQR ITLEELKHIL YHAFRDHLTM KDIENIINE EESLNETSGN CQTEFEGVHS QKQNRQTCVR KS
Sequence Similarities	Contains 2 EF-hand domains.
GENE INFORMATION	
Gene Name	CALN1 calneuron 1 [Homo sapiens]
Official Symbol	CALN1
Synonyms	CALN1; calneuron 1; calcium-binding protein 8; calcium binding protein CABP8;
Gene ID	83698
mRNA Refseq	NM_031468
Protein Refseq	NP_113656
MIM	607176
Uniprot ID	Q9BXU9
Chromosome Location	7q11

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Function

calcium ion binding;

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