

Cerebellin Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350125

Unit: 1 mg

Description:

Cerebellin is a 16-amino acid peptide originally isolated from rat cerebellum, which actually comes from precerebellin (cerebellin-1) processing into cerebellin and [des-Ser1]-cerebellin. Cerebellin is widely distributed in the central nervous system, where it exerts neuromodulatory functions by directly stimulating norepinephrine release via the adenylate cyclase/PKA-dependent signaling pathway; and indirectly enhances adrenocortical secretion in vivo, through a paracrine mechanism involving medullary catecholamine release.

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Cerebellin; Cerebellin-1; precerebellin; CER; CBLN1

Accession No.: P23435

MW: 1632.81 g/mol

Sequence: Human: H-Ser-Gly-Ser-Ala-Lys-Val-Ala-Phe-Ser-Ala-Ile-Arg-Ser-Thr-Asn-His-OH or H-SGSAKVAFSAIRSTNH-OH

Composition: C₆₉H₁₁₃N₂₃O₂₃

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.