

Native Salmon calc1

Cat. No. calc1-8308S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Salmon calc1 was purified from Salmon.
Species	Salmon
Description	Calcitonin Acetate (Salmon) is synthetic polypeptide of 32 amino acids in the same linear sequencethat is found in clacitonin of salmon origin. Calcitonin Acetate (Salmon) has an amino acid sequence of: Cys-Ser-Asn-Leu-Ser-Thr-Cys-Val-Leu-Gly-Lys-Leu-Ser-Gln-Glu-Leu-His-Lys-Leu-Gln-Thr-Tyr-Pro-Arg-Thr-Asn-Thr-Gly-Ser-Gly-Thr-Pro-NH ₂ and a molecular formula: of C ₁₄₅ H ₂₄₀ N ₄₄ O ₄₈ S ₂ Its Molecular Weight: 3431.9 Dalton.
Form	The calcitonin peptide was lyophilized with no additives.
Purity	Greater than 98.0% as determined by RP-HPLC and analysis by SDS-PAGE
Applications	SDS-PAGE
Storage	Lyophilized Calcitonin although stable at room temperature for weeks, should be stored desiccated below -18°C. Upon reconstitution CGRP should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add carrier protein (0. 1% HSA or BSA). Please prevent freeze/thaw cycles.

GENE INFORMATION

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Gene Name	calc1 Calcitonin-1 [<i>Salmo salar</i>]
Official Symbol	calc1
Synonyms	Calcitonin-1
Gene ID	100196557
mRNA Refseq	NM_001141586
Protein Refseq	NP_001135058

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