

Osteocalcin, bovine

Cat. No.:	HY-P10126
Molecular Formula:	C ₂₆₃ H ₃₇₂ N ₆₆ O ₈₂ S ₂
Molecular Weight:	5834.29
Sequence:	Tyr-Leu-Asp-His-Trp-Leu-Gly-Ala-Pro-Ala-Pro-Tyr-Pro-Asp-Pro-Leu-{Gla}-Pro-Lys-Arg-{Gla}-Val-Cys-{Gla}-Leu-Asn-Pro-Asp-Cys-Asp-Glu-Leu-Ala-Asp-His-Ile-Gly-Phe-Gln-Glu-Ala-Tyr-Arg-Arg-Phe-Tyr-Gly-Pro-Val (Disulfide bridge:Cys23-Cys29)
Sequence Shortening:	YLDHWLGAPAPYDPDL-{Gla}-PKR-{Gla}-VC-{Gla}-LNPDCDELADHIGFQEAYRRFYGPV (Disulfide bridge:Cys23-Cys29)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Osteocalcin, bovine is a vitamin K-dependent bone specific protein. Osteocalcin, bovine is also known as bone gamma-carboxyglutamic acid-containing protein (BGLAP). Osteocalcin, bovine is a small (49-amino-acid) noncollagenous protein hormone^[1].

REFERENCES

[1]. Hauschka PV, et al. Osteocalcin and matrix Gla protein: vitamin K-dependent proteins in bone. *Physiol Rev.* 1989 Jul;69(3):990-1047.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA