Osteocalcin Recombinant Protein | Bglap recombinant protein

Recombinant Mouse Osteocalcin

CATALOG #	HOST
AAA113149	**E Coli or Yeast or Baculovirus or Mammalian Cell**

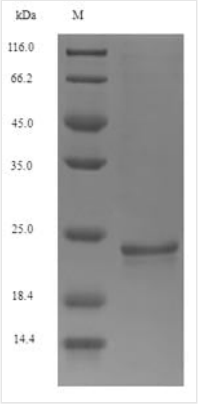
PRODUCT SYNONYMS

Osteocalcin; Recombinant Mouse Osteocalcin; Bone Gla protein; BGP; Gamma-carboxyglutamic acid-containing protein; Bglap recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	50-95aa; Full Length of Mature Protein
Sequence	YLGASVPSPD PLEPTREQCE LNPACDELSD QYGLKTAYKR IYGITI
Species	Mus musculus (Mouse)
Production Note	**Special Offer:** The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our **or email to** for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Bglap recombinant protein	Constitutes 1-2% of the total bone protein. It binds strongly to apatite and calcium.

Product Categories/Family for Bglap recombinant protein	Signal Transduction
References	"The mouse osteocalcin gene cluster contains three genes with two separate spatial and temporal patterns of expression." Desbois C., Hogue D.A., Karsenty G. J. Biol. Chem. 269:1183-1190(1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6671634
NCBI GeneID	12096
NCBI Accession #	NP_031567.1
NCBI GenBank Nucleotide #	NM_007541.3
UniProt Accession #	P86546; P04641
Molecular Weight	21.1 kDa
NCBI Official Full Name	osteocalcin preproprotein
NCBI Official Synonym Full Names	bone gamma carboxyglutamate protein
NCBI Official Symbol	Bglap
NCBI Official Synonym Symbols	OC; BGP; OG1; mOC-A; Bglap1
NCBI Protein Information	osteocalcin
UniProt Protein Name	Osteocalcin
UniProt Gene Name	**Bglap**
UniProt Synonym Gene Names	BGP
UniProt Entry Name	OSTCN_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/bglap-recombinant-protein-e-coli/113149