

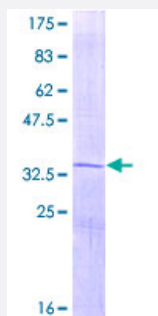
Full-Length

BGLAP (Human) Recombinant Protein (P01)

Catalog # H00000632-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BGLAP full-length ORF (NP_954642.1, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRALTLLALLALAALCIAGQAGAKPSGAESSKGAAAFVSKQEGSEVVKRPRRYLYQWLGAPVPYP DPLEPRREVCELNPDCDELADHIGFQEAYRRFYGPV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.4
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BGLAP

Entrez GeneID	632
GeneBank Accession#	NM_199173.2
Protein Accession#	NP_954642.1
Gene Name	BGLAP
Gene Alias	BGP, OC, PMF1
Gene Description	bone gamma-carboxyglutamate (gla) protein
Omim ID	112260
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000016586 bone Gla protein bone gamma-carboxyglutamate (gla) protein (osteocalcin) gamma-carboxyglutamic acid-containing protein osteocalcin

Disease

- [Alzheimer disease](#)
- [Body Weight](#)
- [Bone Diseases](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)

- [Diabetes Mellitus](#)
- [Fluorosis](#)
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- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Urinary Calculi](#)