

Recombinant Human BGLAP, His-tagged

Cat. No. BGLAP-1473H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BGLAP protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	23-100aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	BGLAP bone gamma-carboxyglutamate (gla) protein [Homo sapiens]
Official Symbol	BGLAP
Synonyms	BGLAP; bone gamma-carboxyglutamate (gla) protein; osteocalcin; bone Gla protein; gamma-carboxyglutamic acid-containing protein; bone gamma-carboxyglutamate (gla) protein (osteocalcin); OC; BGP;

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Gene ID	632
mRNA Refseq	NM_199173
Protein Refseq	NP_954642
MIM	112260
UniProt ID	P02818
Chromosome Location	1q25-q31
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; FGF signaling pathway, organism-specific biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem;
Function	calcium ion binding; hydroxyapatite binding; structural constituent of bone; structural molecule activity;

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