

## Recombinant Human BGLAP, His-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	BGLAP bone gamma-carboxyglutamate (gla) protein [ Homo sapiens ]
<b>Official Symbol</b>	BGLAP
<b>Synonyms</b>	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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<b>Gene ID</b>	632
<b>mRNA Refseq</b>	NM_199173
<b>Protein Refseq</b>	NP_954642
<b>MIM</b>	112260
<b>UniProt ID</b>	P02818
<b>Chromosome Location</b>	1q25-q31
<b>Pathway</b>	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;
<b>Function</b>	calcium ion binding; hydroxyapatite binding; structural constituent of bone; structural molecule activity;

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