

Recombinant Human BGLAP protein, MYC/DDK-tagged

Cat. No. BGLAP-1475H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BGLAP fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	Constitutes 1-2% of the total bone protein. It binds strongly to apatite and calcium.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	8.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	(gla) protein (osteocalcin); OC; BGP;
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;