

Recombinant Human MGP protein, T7/His-tagged

Cat. No. MGP-164H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human MGP cDNA (20 - 96aa) protein fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	20-96 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGRHHHHHGNLYFQGGEFYESHESMESYELNPFINRRRNANTFIS PQQRWRAKVQERIRERSKPV HELNREACDDYRLCERYAMVYGYNAAYNRYF
Purity	>90% by SDS-PAGE
Storage	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 30 days.

GENE INFORMATION

Gene Name	MGP matrix Gla protein [Homo sapiens]
Official Symbol	MGP

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Synonyms	MGP; matrix Gla protein; cell growth-inhibiting gene 36 protein; NTI; GIG36; MGLAP;
Gene ID	4256
mRNA Refseq	NM_000900
Protein Refseq	NP_000891
MIM	154870
UniProt ID	P08493
Chromosome Location	12p12.3
Pathway	Endochondral Ossification, organism-specific biosystem; Validated transcriptional targets of AP1 family members Fra1 and Fra2, organism-specific biosystem;
Function	calcium ion binding; calcium-dependent protein binding; extracellular matrix structural constituent; structural constituent of bone;

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