

Matrix Gla protein Recombinant Protein | Mgp recombinant protein

Recombinant Human Matrix Gla protein

CATALOG # AAA113972	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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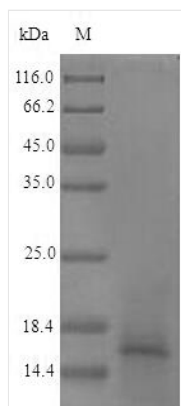
PRODUCT SYNONYMS

Matrix Gla protein; Recombinant Human Matrix Gla protein; Cell growth-inhibiting gene 36 protein; Mgp recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	20-96. Full Length of Mature Protein
Sequence	YESHESMESY ELNPFINRRN ANTFISPQQR WRAKVQERIR ERSKPVHELN REACDDYRLC ERYAMVYGYN AAYNRYF
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Mgp recombinant protein	Associates with the organic matrix of bone and cartilage. Thought to act as an inhibitor of bone formation.
Product Categories/Family for Mgp recombinant protein	Developmental Biology

References	Molecular structure, chromosome assignment, and promoter organization of the human matrix Gla protein gene.Cancela M.L., Hsieh C.-L., Francke U., Price P.A.J. Biol. Chem. 265:15040-15048(1990)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49574514
NCBI GeneID	4256
NCBI Accession #	NP_000891.2
NCBI GenBank Nucleotide #	NM_000900.3
UniProt Accession #	P08493; Q2TU41; Q567P9; Q6ICN5; A0M8W5; B2R519; J3KMX7
Molecular Weight	13.5 kDa
NCBI Official Full Name	matrix Gla protein isoform 2
NCBI Official Synonym Full Names	matrix Gla protein
NCBI Official Symbol	MGP
NCBI Official Synonym Symbols	NTI; GIG36; MGLAP
NCBI Protein Information	matrix Gla protein
UniProt Protein Name	Matrix Gla protein
UniProt Gene Name	MGP
UniProt Synonym Gene Names	MGLAP; MGP
UniProt Entry Name	MGP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.