

## MGP 抗原（重组蛋白）

中文名称：MGP 抗原（重组蛋白）

英文名称：MGP Antigen (Recombinant Protein)

别名：matrix Gla protein; NTI; GIG36; MGLAP

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 20-103 amino acids of human MGP

### 技术规格

<b>Full name:</b>	matrix Gla protein
<b>Synonyms:</b>	NTI; GIG36; MGLAP
<b>Swissprot:</b>	P08493
<b>Gene Accession:</b>	BC005272
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This gene encodes a member of the osteocalcin/matrix Gla family of proteins. The encoded vitamin K-dependent protein is secreted by chondrocytes and vascular smooth muscle cells, and functions as a physiological inhibitor of ectopic tissue calcification. Carboxylation status of the encoded protein is associated with calcification of the vasculature in human patients with cardiovascular disease and calcification of the synovial membranes in osteoarthritis patients. Mutations in thi

s gene cause Keutel syndrome in human patients, which is characterized by abnormal cartilage calcification, peripheral pulmonary stenosis and facial hypoplasia.