

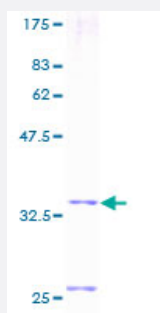
Full-Length

MGP (Human) Recombinant Protein (P01)

Catalog # H00004256-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human MGP full-length ORF (AAH05272, 1 a.a. - 103 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MKSLILLAILAALAVVTLCTYESHESMESYELNPFINRRNANTFISPQQRWRAKVQERIRERSKPVHE LNREACDDYRLCERYAMVYGYNAAYNRYFRKRRGAK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.07
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MGP

Entrez GeneID	4256
GeneBank Accession#	BC005272
Protein Accession#	AAH05272
Gene Name	MGP
Gene Alias	GIG36, MGLAP, NTI
Gene Description	matrix Gla protein
Omim ID	154870 245150
Gene Ontology	Hyperlink
Other Designations	-

Disease

- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)

- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [DNA Damage](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Calculi](#)
- [Kidney Failure](#)
- [Lead Poisoning](#)
- [Myocardial Infarction](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Pseudoxanthoma Elasticum](#)
- [Tooth Loss](#)
- [Werner syndrome](#)