

Recombinant Human Matrix Gla protein(MGP)

Catalog No: #AP70542

Package Size: #AP70542-1 20ug #AP70542-2 100ug #AP70542-3 1mg

Description

Product Name	Recombinant Human Matrix Gla protein(MGP)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:20-96aaSequence Info:Full Length
Other Names	Cell growth-inhibiting gene 36 protein
Accession No.	P08493
Calculated MW	13.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	YESHESMESYELNPFINRRNANTFISPQQRWRAKVQERIRERSKPVHELNREACDDYRLCERYAMVYGYNAAYNRYF
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Associates with the organic matrix of bone and cartilage. Thought to act as an inhibitor of bone formation.

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)Research Topic:Developmental Biology

Note: This product is for in vitro research use only and is not intended for use in humans or animals.