

Recombinant rat Collagen alpha-1(I) chain

Catalog No: #AP72507



Package Size: #AP72507-1 20ug #AP72507-2 100ug #AP72507-3 1mg

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Description

Product Name	Recombinant rat Collagen alpha-1(I) chain
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:955-1207aaSequence Info:Partial
Other Names	Alpha-1 type I collagen
Accession No.	P02454
Uniprot	P02454
GeneID	29393;
Calculated MW	25.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	QRGERGFPLPGPSGEPGKQGPSGASGERGPPGPMGPPGLAGPPGESGREGSPGAEGSPGRDGAPGAK GDRGETGPAGPPGAPGAPGAPGVPAGKNGDRGETGPAGPAGPIGPAGARGPAGPQQPRGDKGETGEQ GDRGIKGRGFSGLQGGPPGSPGSPGEQGPSGASGPAGPRGPPGSAGSPGKDGLNGLPGPIGPPGPRGRTG DSGPAGPPGPPGPPGPPGPPSGGYDFSFLPQPPQEKSQDGGRYYRA
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

Type I collagen is a member of group I collagen (fibrillar forming collagen).

References

Expression of collagen alpha1(I) mRNA variants during tooth and bone formation in the rat.Brandsten C., Lundmark C., Christersson C., Hammarstroem L., Wurtz T.J. Dent. Res. 78:11-19(1999)Research Topic:Others

Note: This product is for in vitro research use only