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MOUSE PERIOSTIN (POSTN)/OSF-2 RECOMBINANT

Product Information

Code	00072-04-10
Name	Periostin (mouse) rec.
Lot No.	
Size	10 µg
Species	mouse
Sequence	Mature form
Protein ID	NP_056599
Gene ID	NM_015784
MW	80-85 KD (reduce)
Tag	His tag on C terminus
Source	HEK293 cells
Purity	>97% in SDS- PAGE gel PBS lyophilized
Formulation	Form without preservatives
Carry	0.5% Protein
Storage	-20 ° C ~ -70 ° C
Reconstitution	100 µl

Alternative name(s):
Osteoblast Specific Factor 2
Periodontal ligament-specific Periostin

Description

A DNA sequence encoding the mouse Periostin isoform 2 (Met1-Gln811) was fused with a 6 histidine tag at the C-terminus. The secreted recombinant mouse periostin generated after removal of the signal peptide comprises 799 amino acids with a predicted molecular mass of 90 kDa. As a result of glycosylation, it migrates as an approximately 80-85 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized 10 µg of mouse periostin in 100 µl of PBS contains 0.5% gelatin.

Reconstitution & Storage

Add 100 µl deionized water to the vial to prepare a working stock solution at 100 µg/mL. Allow to set at least 30 minutes at 4 ° C, mix well.

Store lyophilized protein at -20 ° C or -70 ° C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 ° C to -70 ° C. Upon reconstitution, this protein can be stored at -20 ° C for a few weeks or at -70 ° C in a manual defrost freezer for long term storage (12 months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: mouse Periostin/OSF-2 isoform 2

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