

Recombinant Mouse Postn Protein (Met1-Gln838), C-His tagged

Cat. No. Postn-6770M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Periostin (Met1-Gln838) fused with the C-His tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Met1-Gln838
Description	This gene encodes a secreted extracellular matrix protein that functions in tissue development and regeneration, including wound healing and ventricular remodeling following myocardial infarction. The encoded protein binds to integrins to support adhesion and migration of epithelial cells. This protein plays a role in cancer stem cell maintenance and metastasis. Mice lacking this gene exhibit cardiac valve disease, and skeletal and dental defects. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	Lyophilized powder/frozen liquid
Molecular Mass	94.11 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Postn periostin, osteoblast specific factor [Mus musculus (house mouse)]
Official Symbol	Postn
Synonyms	Postn; periostin, osteoblast specific factor; PN; PLF; Osf2; OSF-2; A630052E07Rik; periostin; osteoblast specific factor 2 (fasciclin I-like); osteoblast-specific factor 2; periostin-like factor
Gene ID	50706
mRNA Refseq	NM_001368678
Protein Refseq	NP_001355607
UniProt ID	Q62009

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