

Active Recombinant Mouse Postn Protein, Isoform 2, His-tagged

Cat. No. Postn-695M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Postn (Accession # NP_056599) Asn24-Gln811, fused with a C-terminal 6-His tag, was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Mouse
Source	Sf21 Cells
ProteinLength	Asn24-Gln811
Predicted N Terminal	Asn24
Form	Lyophilized from a 0.2 µm filtered solution in Tris-Citrate and NaCl.
Bio-activity	Measured by its ability to induce adhesion of ATDC5 mouse chondrogenic cells. Immobilized Recombinant Mouse Periostin/OSF-2 at 10 µg/mL (100 µL/well) induces >50% cell adhesion.
Molecular Mass	Recombinant Mouse Postn, His-tagged has a calculated MW of 88.5 kDa. In SDS-PAGE migrates as 90 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name Postn periostin, osteoblast specific factor [*Mus musculus*]

Official Symbol Postn

Synonyms POSTN; periostin, osteoblast specific factor; periostin; periostin-like factor; osteoblast-specific factor 2; osteoblast specific factor 2 (fasciclin I-like); PN; PLF; Osf2; peri; OSF-2; AI747096; A630052E07Rik;

Gene ID 50706

mRNA Refseq NM_001198765

Protein Refseq NP_001185694

MIM

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