

Recombinant Human PODN Protein, His-tagged

Cat. No. PODN-2604H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PODN Protein (Gly20-Arg613) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly20-Arg613
Description	The protein encoded by this gene is a member of the small leucine-rich repeat protein family and contains an amino terminal CX3CXCX7C cysteine-rich cluster followed by a leucine-rich repeat domain. Studies suggest that this protein could function to inhibit smooth muscle cell proliferation and migration following arterial injury.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 70.5 kDa Accurate Molecular Mass: 80 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

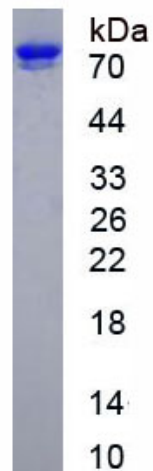
GENE INFORMATION

Gene Name	PODN podocan [Homo sapiens (human)]
Official Symbol	PODN
Synonyms	PODN; podocan; MGC24995; PCAN; PODOCAN; podocan proteoglycan; SLRR5A;
Gene ID	127435
mRNA Refseq	NM_001199080
Protein Refseq	NP_001186009
MIM	608661
UniProt ID	Q7Z5L7

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