

Recombinant Human NOMO1 protein, His & T7-tagged

Cat. No. NOMO1-1771H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NOMO1 aa. (Phe365~Ala542 (Accession # Q15155)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Phe365~Ala542
Description	This gene encodes a protein originally thought to be related to the collagenase gene family. This gene is one of three highly similar genes in a region of duplication located on the p arm of chromosome 16. These three genes encode closely related proteins that may have the same function. The protein encoded by one of these genes has been identified as part of a protein complex that participates in the Nodal signaling pathway during vertebrate development. Mutations in ABCC6, which is located nearby, rather than mutations in this gene are associated with pseudoxanthoma elasticum (PXE).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Applications	SDS-PAGE; WB; ELISA; IP.
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°C 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°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	9.2

GENE INFORMATION

Gene Name	NOMO1 NODAL modulator 1 [Homo sapiens (human)]
Official Symbol	NOMO1
Synonyms	NOMO1; NODAL modulator 1; PM5; Nomo; nodal modulator 1; nodal modulator 3; pM5 protein 3; pM5 protein, telomeric copy
Gene ID	23420
mRNA Refseq	NM_014287.3
Protein Refseq	NP_055102.3

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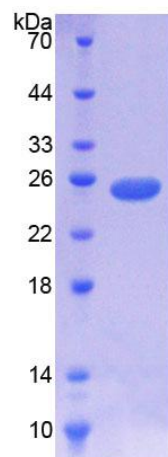
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UniProt ID

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SDS-PAGE

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