

Recombinant Human NOMO2 Protein, GST-tagged

Cat. No. NOMO2-5984H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NOMO2 partial ORF (NP_775885.1, 1040 a.a. - 1139 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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). Two transcripts encoding different isoforms have been described. [provided by RefSeq]
Molecular Mass	36.74 kDa
AA Sequence	NNDIDDVNIIVFRQINQFDLSGNVITSSEYLPTLWVKLYKSENLDNPIQTVSLGQSLFF HFPPLLRDGENYVVLLDSTLPRSQYDYILPQVSFTAVGYHK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	NOMO2 NODAL modulator 2 [Homo sapiens (human)]
Official Symbol	NOMO2
Synonyms	NOMO2; PM5; Nomo; NODAL modulator 2; nodal modulator 2; pM5 protein 2; pM5 protein, centromeric copy
Gene ID	283820
mRNA Refseq	NM_001004060
Protein Refseq	NP_001004060
MIM	609158
UniProt ID	Q5JPE7

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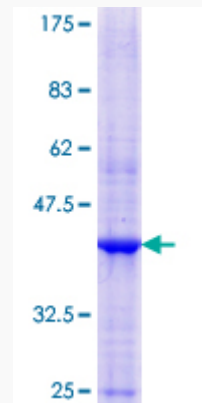
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Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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