

Product datasheet for **TP307887**

NOMO3 (NM_001004067) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NODAL modulator 3 (NOMO3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207887 representing NM_001004067 Red =Cloning site Green =Tags(s)

MLVGQGAGLLGPAWVTAAVVLLSGVGPAHGSEDIWGC GG FVKSDVEINYS LIEIKLYTKHGTLKYQTD
CAPNNGYFMIPLYDKGDFILKIEPPLGWSFEPTTVELHVDGVSDICTKGGDINFVFTGFSVNGKVL SKGQ
PLGPAGVQVSLRNTGTEAKIQSTVTQPGGKFAFFKVLPGDYEILATHPTWALKEASTTVRVTNSNANAAS
PLIVAGYNVSGSVRS DG EPMKGVKFLLFSSLVT KEDVLGCNVSPVPGFQPQDESLVYLCYTVSREDGSFS
FYSLPSGGYTVIPFYRGERITFDVAPSRLDFTVEHDSLKIEPVFHV MGF SVTGRVLNGPEGDGVPEAVWT
LNNQIKVKTKADGSFRLENITTGT YTHAQKEHLYFETVTIKIAPNTPQLADIVATGFSVCGRISIIRFP
DTV KQM NKYKVLSSQDKDKSLVTVETDAHG SFCFAKPGTYKVQVMVPEAETRAGLTLKPQTFPLTVTD
RPVMDVAFVQFLASVSGKVSCLDTCGDL LVT LQSLSRQGEKRS LQSLSGKVNAMTFTFDNVLP GK YKISIM
HEDWCWKNKSLEVEVLEDDVSAVEFRQTGYMLRCSLSHAITLEFYQDGNGRENVGIYNLSKGVNRFCLSK
PGVYKVT PRSCHRFEQAFYTYDTSSPSILT LAIRHHVLGTITTDKMMDVTVTIKSSIDSEPALVLGPLK
SVQELRREQQLAEIEARRQEREKNGNEEGEERMTKPPVQEMVDELQGPFSYDFS YWARS GEKITVTPSSK
ELLFYPPSMEAVVSGESCPGKLIEIHGKAGLFLEGQIHPELEGVEIVISEKGASSPLITVFTDDKGAYS V
GPLHSDLEYTVTSQKEGYVLTAVEGTIGDFKAYALAGVSFEIKAEDDQPLPGVLLSLSGGLFRSNLLTQD
NGILTFSNLSPGQYYFKPMMKEFRFEPSSQMIEVQEGQNLKITITGYRTAYSCYGT VSSLNGEPEQGVAM
EAVGQNDCSIYGEDTVTDEEGKFRRLRGLLP GC VYHVQLKAEGNDHIERALPHHRVIEVGNN DIDDVNIIV
FRQINQFDLSGNVITSSEYLPTLWVKLYKSENLDNPIQTVSLGQSLFFHFPLLRDGENYVLLDSTLPR
SQDYIILPQVSFTAVGYHKHITLIFNPTRKLPEQDIAQGSYIALPLTLLVLLAGYNHDKLIPLLLQLTSR
LQGVGALGQAASDNSGPEDAKRQAKKQKTRRT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

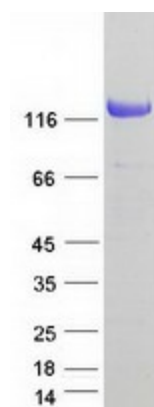
Tag:	C-Myc/DDK
Predicted MW:	134 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001004067</u>
Locus ID:	408050
UniProt ID:	<u>P69849</u>
RefSeq Size:	4273
Cytogenetics:	16p13.11
RefSeq ORF:	3666
Synonyms:	Nomo
Summary:	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 duplicated region on the short 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. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified NOMO3 protein (Cat# TP307887). The protein was produced from HEK293T cells transfected with NOMO3 cDNA clone (Cat# [RC207887]) using MegaTran 2.0 (Cat# [TT210002]).