

Product datasheet for PH307887

NOMO3 (NM_001004067) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NOMO3 MS Standard C13 and N15-labeled recombinant protein (NP_001004067)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207887
Predicted MW:	134 kDa
Protein Sequence:	>RC207887 representing NM_001004067 Red =Cloning site Green =Tags(s)

MLVQGAGLLGPAVVTAAVVLLLSGVGPAHGSEDIIVVGC GG FVKSDVEINYSLEIKLYTKHGTLKYQTD
 CAPNNGYFMIPL YDKGDFILKIEPPLGWSFEPTTVELHVDGVSDICTKGGDINFVFTGFSVNGKVL SKGQ
 PLPGAGVQVSLRNTGTEAKIQSTVTQPGGKFAFFKVLPGDYEILATHPTWALKEASTTVRVTSNANAAS
 PLIVAGYNVSGSVRSDGEPMKGVKFLLFSSLVTKEDVLGCNVSPVPGFQPQDESLVYLCYTVSREDGSFS
 FYSLPSGGYTVIPFYRGERITFDVAPSRLDFTVEHDSLKIEPVFHVGMGFSVTGRVLNGPEGDGVPEAVVT
 LNNQIKVKTADGSFRLNITTGTYYTHAQKEHLYFETVTIKIAPNTPQLADIVATGFSVCGRISIRFP
 DTVKQMNKYKVV LSSQDKDSLVTVETDAHGSFCFAKPGTYKVQVMVPEAETRAGLTLKPQTFPLTVTD
 RPVMDVAFVQFLASVSGKVSCLDTCGDLLVTLQSLSRQGEKRSLSGKVNAMTFTFDNVLPGKYKISIM
 HEDWCWKNKSLEVEVLEDDVS AVEFRQTYMLRCSLSHAITLEFYQDNGRENVGIYNLSKGVNRFCLSK
 PGVYKVTPRSCHRFEQAFYTYDTSSPSILT LTAIRHHVLGTITTDKMMDVTVTIKSSIDSEPALVLGPLK
 SVQELRREQQLAEIEARRQEREKNGNEEGEERMTKPPVQEMVDELQGPFSYDFSYWARSGEKITVTPSSK
 ELLFYPPSMEAVVSGESCPGKLEIHHGAGLFLEQIHPLEGEVIEISEKGASSPLITVFTDDKGAYSV
 GPLHSDLEYTVTSQKEGYVLTAVEGTIGDFKAYALAGVSFEIKAEDDQPLPGVLLSLSGGLFRSNLLTQD
 NGILTFSNLSPGQYYFKPMMKEFRFEPSSQMIEVQEQNLKITITGYRTAYSCYGTVSSLNGEPEQGVAM
 EAVGQNDCSIYGEDTVTDEEGKFRRLRGLLPGCVYHVQLKAEGNDHIERALPHHRVIEVGNNIDDDVNIIV
 FRQINQFDLSGNVITSSEYLP TLWVLYKSENLDNPIQTVSLGQSLFFHFPPLLRDGENYVVLDDSTLPR
 SQYDYILPQVSFTAVGYHKHITLIFNPTRKLPEQDIAQGSYIALPLTLLVLLAGYNHDKLIPLLLQLTSR
 LQGVGALGQAASDNSGPEDAKRQAKKQKTRRT

TRTRPLEQKLISEEDLAANDILDYKDDDDKLV

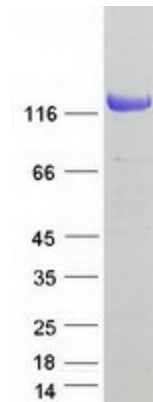
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001004067</u>
RefSeq Size:	4273
RefSeq ORF:	3666
Synonyms:	Nomo
Locus ID:	408050
UniProt ID:	<u>P69849, Q1LZN2</u>
Cytogenetics:	16p13.11
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]).