

Product datasheet for PH323358

NOMO2 (NM_173614) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NOMO2 MS Standard C13 and N15-labeled recombinant protein (NP_775885)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223358
Predicted MW:	134 kDa
Protein Sequence:	>RC223358 representing NM_173614 Red =Cloning site Green =Tags(s)

MLVGQGAGLLGPAVVTAAVVLLLSGVGPAHGSEDIIVVGC GG FVKSDVEINYSLEIKLYTKHGTLKYQTD
 CAPNNGYFMIPL YDKGDFILKIEPPLGWSFEPTTVELHVDGVSDICTKGGDINFVFTGFSVNGKVL SKGQ
 PLPGAGVQVSLRNTGTEAKIQSTVTQPGGKFAFFKVLPGDYEILATHPTWALKEASTTVRVTSNANAAS
 PLIVAGYNVSGSVRSDGEPMKGVKFLLFSSLVTKEDVLGCNVPVPGFQPQDESLVYLCYTVSREDGSFS
 FYSLPSGGYTVIPFYRGERITFDVAPSRLDFTVEHDSLKIEPVFHVGMGFSVTGRVLNGPEGDGVPEAVVT
 LNNQIKVKTKADGSFRLNITTGTYYTHAQKEHLYFETVTIKIAPNTPQLADIVATGFSVCGRISIRFP
 DTVKQMNKYKVV LSSQDKDSLVTVETDAHGSFCFAKPGTYKVQVMVPEAETRAGLTLKPQTFPLTVTD
 RPVMDFVAFVQFLASVSGKVSCLDTCGDLLVTLQSLSRQGEKRSLLSGKVNAMTFTFDNVLPGKYKISIM
 HEDWCWKNKSLEVEVLEDDVSAVEFRQTYMLRCSLSHAITLEFYQDNGRENVGIYNLSKGVNRFCLSK
 PGVYKVTTPRSCHRFEQAFYTYDTSSPSILTLTAIRHHVLGTITTDKMMDVTVTIKSSIDSEPALVLGPKL
 SVQELRREQQLAEIEARRQEREKNGNEEGEERMTKPPVQEMVDELQGPFSYDFSYWARSGEKITVTPSSK
 ELLFYPPSMEAVVSGESCPGKLEIHHGKAGLFLEQIHPELEGVEIVISEKGASSPLITVFTDDKGAYS
 GPLHSDLEYTVTSQKEGYVLTAVEGTIGDFKAYALAGVSFEIKAEDDQPLPGVLLSLSGGLFRSNLLTQD
 NGILTFSNLSPGQYYFKPMMKEFRFEPSSQMIEVQEQNLKITITGYRTAYSCYGTVSSLNGEPEQGVAM
 EAVGQNDCSIYGEDTVTDEEGKFRRLRGLLPGCVYHVQLKAEGNDHIERALPHHRVIEVGNNIDDVNIIV
 FRQINQFDLSGNVITSSEYLP TLWVLYKSENLDNPIQTVSLGQSLFFHFPPLLRDGENYVVLDDSTLPR
 SQYDYILPQVSFTAVGYHKHITLIFNPTRKLPEQDIAQGSYIALPLTLLVLLAGYNHDKLIPLLLQLTSR
 LQGVGALGQAASDNSGPEDAKRQAKKQKTRRT

TRTRPLEQKLISEEDLAANDILDYKDDDDKLV

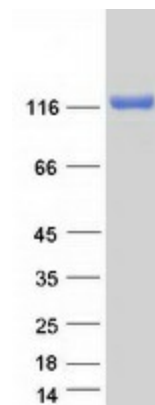
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine



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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:	NP_775885
RefSeq Size:	4317
RefSeq ORF:	3666
Synonyms:	Nomo; PM5
Locus ID:	283820
UniProt ID:	Q5JPE7
Cytogenetics:	16p12.3
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 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, Jul 2008]

Product images:



Coomassie blue staining of purified NOMO2 protein (Cat# [TP323358]). The protein was produced from HEK293T cells transfected with NOMO2 cDNA clone (Cat# [RC223358]) using MegaTran 2.0 (Cat# [TT210002]).