

Product datasheet for TP330581

MAN1 (LEMD3) (NM_001167614) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human LEM domain containing 3 (LEMD3), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC230581 representing NM_001167614 Red=Cloning site Green=Tags(s)

MAAAAASAPQQLSDEELFSQLRRYGLSPGPVTESTRPVYLKLLKLRREEEQQHRSRGGRGNKTRNSNNNN
TAAATVAAAGPAAAAAAGMGVRPVSGDLSYLRTPGGLCRISASGPESLLGGPGGASAAPAAGSKVLLGFS
SDESDVEASPRDQAGGGGRKDRASLQYRGLKAPPAPLAASEVTNSNSAERRKPHSWWGARRPAGPELQTP
PGKDGAVEDEEGEGEDGEERDPETEELWASRTVNGSRLVPYSCRENYSDSEEDDDDVASSRQVLKDDSD
LSRHRPRRTHSKPLPPLTAKSAGGRLETSVQGGGGLAMNDRAAAAAGSLDRSRNLEAAAAEQGGGCDQVD
SSPVPRYRVNAKLTPLLPPPLTDMSTLDSSTGSLKTNNHIGGGAFSVDSPRIYSNSLPPSAAVAASS
SLRINHANHTGSNHTYLKNTYNKPKLSEPEEELLQQFKREEVSPTGFSFAHYLSMFLLTAACLFFLILGL
TYLGMRTGVSEDEGELSKNPFGETFGKIQESEKTLMMNTLYKLHDRLAQLAGDHECGSSSQRTLSVQEEA
AYLKDLGPEYEGIFNTSLQWILENGKDVGIRCVGFGPEEELTNITDVQFLQSTRPLMSFWCRFRRAFVTV
THRLLLLCLGVMVCVVLRYMKYRWTKEEEETRQMYDMVVKIIDVLRSHNEACQENKDLQPYMPIPHVRD
SLIQPHDRKKMKKVVWDRAVDFLAANESRVRTETRRIGGADFLVWRWIQPSASCDKILVIPSKVWQGFH
LDRRNSPPNSLTPCLKIRNMFDPVMEIGDQWHLAIQEAILEKCSNDGIVHIAVDKNSREGCVYVKCLSP
EYAGKAFKALHGSWFDGKLVTVKYLRDLDRYHHRFPQALTSNTPLKPSNKHMNSMSHLRLRTGLTNSQGSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

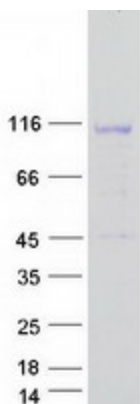
Tag:	C-Myc/DDK
Predicted MW:	100.3
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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:	NP_001161086
Locus ID:	23592
UniProt ID:	Q9Y2U8
Cytogenetics:	12q14.3
RefSeq ORF:	2730
Synonyms:	MAN1
Summary:	This locus encodes a LEM domain-containing protein. The encoded protein functions to antagonize transforming growth factor-beta signaling at the inner nuclear membrane. Two transcript variants encoding different isoforms have been found for this gene. Mutations in this gene have been associated with osteopoikilosis, Buschke-Ollendorff syndrome and melorheostosis.[provided by RefSeq, Nov 2009]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified LEMD3 protein (Cat# TP330581). The protein was produced from HEK293T cells transfected with LEMD3 cDNA clone (Cat# [RC230581]) using MegaTran 2.0 (Cat# [TT210002]).