

Product datasheet for TP323258L

Matrin 3 (MATR3) (NM_018834) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human matrin 3 (MATR3), transcript variant 2, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC223258 representing NM_018834

Clone or AA Red=Cloning site Green=Tags(s)

Sequence:

MSKSFQQSSLSRDSQGHGRDLSAAGIGLLAAATQSLMPASLGRMNQGTARLASLMNLMSSSLNQQGAH
SALSSASTSSHNLQSIFNIGSRGPLPLSSQHRGDADQASNILASFGLSARDLDELSRYPEDKITPENLPQ
ILLQLKRRRTEEGPTLSYGRDGRSATREPPYRVPRDDWEEKRHFRDSDDRGPSLNPLVDYDHGSRSEQE
SGYYDRMDYEDDRLRDGERCRDSSFFGETSHNYHKFDSEYERMGRGPGPLQERSLFEKKRGAPPSSNIED
FHGLLPKGYPHLCSICDLPVHSNKEWSQHINGASHSRRCQLLEIYPEWNPNDNTGHTMGDPFMLQQSTN
PAPGILGPPPPSFHLGGPAVGPRGNLGAGNGNLQGPRHMQKGRVETSRVHIMDFQRGKNLRYQLLQVE
PFGVISNHLILNKINEAFIEMATTEDAQAADVYTTTPALVFGKPVVHLSQKYKRIKKPEGKPDQKFDQ
KQELGRVIHLSNLPHSGYSDSAVLKLAEPYGIKIKNYILMRMKSQAFIEMETREDAMAMVDHCLKKALWFQ
GRCVKVDLSEKYKLVLRIPNRGIDLLKDKSRKRSYSPDGKESPSDKKSKTDGDSQKTESSTEGKEQEEK
SGEDGEKDTKDDQTEQEPNMLLESEDELLVDEEEAAALLESVSGDETDLANLGDVASDGGKKEPSDKAV
KKDGSASAAAKKLLKVDKIEELDQENEAALENGKNEENTEPGAESSENADDPNKDTSNADGQSDENK
DDYTIPDEYRIGPYQPNVPVGIDYVIPKTGFYCKLCSLFYTNEEVAKNTHCSSLPHYQKLLKFLNKLAE
RRQKKET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 94.4 kDa

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: Recombinant protein 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_061322
Locus ID:	9782
UniProt ID:	P43243 , A0A0R4J2E8 , Q9H4N1
RefSeq Size:	3921
Cytogenetics:	5q31.2
RefSeq ORF:	2541
Synonyms:	ALS21; MPD2; VCPDM
Summary:	This gene encodes a nuclear matrix protein, which is proposed to stabilize certain messenger RNA species. Mutations of this gene are associated with distal myopathy 2, which often includes vocal cord and pharyngeal weakness. Alternatively spliced transcript variants, including read-through transcripts composed of the upstream small nucleolar RNA host gene 4 (non-protein coding) and matrin 3 gene sequence, have been identified. Pseudogenes of this gene are located on chromosomes 1 and X. [provided by RefSeq, Aug 2013]

Product images:



Coomassie blue staining of purified MATR3 protein (Cat# [TP323258]). The protein was produced from HEK293T cells transfected with MATR3 cDNA clone (Cat# [RC223258]) using MegaTran 2.0 (Cat# [TT210002]).