

## Product datasheet for **TP323258M**

### 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, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223258 representing NM_018834 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MSKSFQQSSLSRDSQGHGRDLSAAGIGLLAAATQSLSPASLGRMNQGTARLASLMNLMSSSLNQQGAH SALSSASTSSHNLQSIFNIGSRGPLLSSQHRGDADQASNILASFGLSARDLDELSRYPEDKITPENLPQ ILLQLKRRRTEEGPTLSYGRDGRSATREPPYRVPRDDWEEKRHFRDSDDRGPSLNPVLDYDHGSRSEQE SGYYDRMDYEDDRLRDGERCRDSSFFGETSHNYHKFDSEYERMGRGPGPLQERSLFEKKRGAPPSSNIED FHGLLPKGYPHLCSICDLPVHSNKEWSQHINGASHSRRCQLLLEIYPEWNPNDNTGHTMGDPFMLQQSTN PAPGILGPPPPSFHLGGPAVGPRGNLGAGNGNLQGPRHMQKGRVETSRVHIMDFQRGKNLRYQLLQVE PFGVISNHLILNKINEAFIEMATTEDAQAAVDYTTTPALVFGKPVVHLSQKYKRIKKPEGKPDQKFDQ KQELGRVIHLSNLPHSGYSDSAVLKLAEPYGIKIKNYILMRMKSQAFIEMETREDAMAMVDHCLKKALWFQ GRCVKVDLSEKYKLVLRIPNRGIDLLKDKSRKRSYSPDGKESPSDKKSKTDGDSQKTESSTEGKEQEEK SGEDGEKDTKDDQTEQEPNMLLESEDELLVDEEEAAALLESVSGDETDLANLGDVASDGGKKEPSDKAV KKDGSASAAAKKLLKVDKIEELDQENEAALENGKNEENTEPGAESSENADDPNKDTSNADGQSDENK DDYTIPDEYRIGPYQPNVPVGDYVIPKTGFYCKLCSLFYTNEEVAKNTHCSSLPHYQKLLKFLNKLAAE RRQKKET</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_061322</a>
<b>Locus ID:</b>	9782
<b>UniProt ID:</b>	<a href="#">P43243</a> , <a href="#">A0A0R4J2E8</a> , <a href="#">Q9H4N1</a>
<b>RefSeq Size:</b>	3921
<b>Cytogenetics:</b>	5q31.2
<b>RefSeq ORF:</b>	2541
<b>Synonyms:</b>	ALS21; MPD2; VCPDM
<b>Summary:</b>	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]).