

## Recombinant Human MATR3 protein, MYC/DDK-tagged

Cat. No. MATR3-15H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MATR3, transcript variant 2, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</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.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	94.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

**Gene Name** MATR3 matrin 3 [ Homo sapiens ]

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<b>Official Symbol</b>	<a href="#">MATR3</a>
<b>Synonyms</b>	MATR3; matrin 3; MPD2, myopathy, distal 2; matrin-3; KIAA0723; MGC9105; VCPDM; vocal cord and pharyngeal weakness with distal myopathy; MPD2; DKFZp686K0542; DKFZp686K23100;
<b>Gene ID</b>	<a href="#">9782</a>
<b>mRNA Refseq</b>	<a href="#">NM_018834</a>
<b>Protein Refseq</b>	<a href="#">NP_061322</a>
<b>MIM</b>	<a href="#">164015</a>
<b>UniProt ID</b>	<a href="#">P43243</a>
<b>Chromosome Location</b>	5q31.3
<b>Function</b>	RNA binding; metal ion binding; nucleic acid binding; nucleotide binding; protein binding; structural molecule activity; zinc ion binding;

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