

Recombinant Human MATR3 protein, MYC/DDK-tagged

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	MATR3 matrin 3 [Homo sapiens]
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Official Symbol	MATR3
Synonyms	MATR3; matrin 3; MPD2, myopathy, distal 2; matrin-3; KIAA0723; MGC9105; VCPDM; vocal cord and pharyngeal weakness with distal myopathy; MPD2; DKFZp686K0542; DKFZp686K23100;
Gene ID	9782
mRNA Refseq	NM_018834
Protein Refseq	NP_061322
MIM	164015
UniProt ID	P43243
Chromosome Location	5q31.3
Function	RNA binding; metal ion binding; nucleic acid binding; nucleotide binding; protein binding; structural molecule activity; zinc ion binding;