

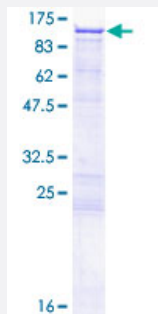
Full-Length

MATR3 (Human) Recombinant Protein (P01)

Catalog # H00009782-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MATR3 full-length ORF (NP_061322.2, 1 a.a. - 847 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSKSFQQSSLSRDSQGHGRDLSAAGIGLLAAATQSLSMPASLGRMNQGTARLASLMNLGMSSS
LNQQGAHSALSSASTSSHNLSIFNIGSRGPLPLSSQHRGDADQASNILASFGLSARDLDELSRYP
EDKITPENLPQILLQLKRRRTEEGPTLSYGRDGRSATREPPYRVPRDDWEEKRHFRDSDDDRGP
SLNPVLDYDHGSRSQESGYDRMDYEDDRLRDGERCRDDSFGETSHNYHKFDSEYERMGRGP
GPLQERSLFEKKRGAPPSSNIEDFHGLLPKGYPHLCSICDLPVHSNKEWSQHINGASHSRRQCQLL
LEIYPEWNPNDTGHMTGDPFMLQQSTNPAGILGPPPPSFHLGGPAVGPRGNLGAGNGNLQGP
RHMQKGRVETSRVVHIMDFQRGKNLRYQLQLVEPFGVISNHLILNKINEAFIEMATTEDAQAQAVDY
YTTTPALVFGKPVVRVHLSQKYKRIKKPEGKPDQKFDQKQELGRVIHLSNLPHSGYSDSAVLKLAE
PYGKIKNYILMRMKSQAFIEMETREDAMAMVDHCLKKALWFQGRVCVKVDLSEKYKKLVLRIPNRGI
DLLKKDKSRKRSYSPDGKESPSDKKSKTDGSQKTESSTEGKEQEEKSGEDGEKDTKDDQTEQ
EPNMLESEDELLVDEEEAAALLES GSSVGDETDLANLGDVASDGKKEPSDKAVKKDGSASAA
AKKKLKKVDKIEELDQENEAALENGKNEENTEPGAESSENADDPNKDTSNADGQSDENKDDY
TIPDEYRIGPYQPNVPVGIDYVIPKTGFYCKLCSLFYTNEEVAKNTHCSSLPHYQKLKKFLNKLAEER
RQKKET

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

121

Interspecies Antigen Sequence

Mouse (98); Rat (97)

Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MATR3

Entrez GeneID	9782
GeneBank Accession#	NM_018834.4
Protein Accession#	NP_061322.2
Gene Name	MATR3
Gene Alias	DKFZp686K0542, DKFZp686K23100, KIAA0723, MGC9105
Gene Description	matrin 3
Omim ID	164015
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is localized in the nuclear matrix. It may play a role in transcripti on or may interact with other nuclear matrix proteins to form the internal fibrogranular network. Two transcript variants encoding the same protein have been identified for this gene. [provided by Ref Seq

Other Designations

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Disease

- [Chromosome Deletion](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Myelodysplastic Syndromes](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)