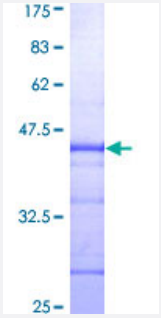
EMD (Human) Recombinant Protein (Q01)

Catalog # H00002010-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human EMD partial ORF (AAH00738, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDNYADLSDTELTTLLRRYNIPHGPVVGSTRRLYEKKIFEYETQRRRLSPPSSSAASSYSFSDLNSTRGDADMYDLPKKEDALLYQSKGYNDDYYEESYFTTRTYGEPES
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (77)
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 — EMD

Entrez GeneID	2010
GeneBank Accession#	BC000738
Protein Accession#	AAH00738
Gene Name	EMD
Gene Alias	EDMD, LEMD5, STA
Gene Description	emerin
Omim ID	300384 310300
Gene Ontology	Hyperlink
Gene Summary	Emerin is a serine-rich nuclear membrane protein and a member of the nuclear lamina-associate d protein family. It mediates membrane anchorage to the cytoskeleton. Dreifuss-Emery muscular dystrophy is an X-linked inherited degenerative myopathy resulting from mutation in the emerin ge ne. [provided by RefSeq
Other Designations	LEM domain containing 5|OTTHUMP00000031938|OTTHUMP00000061687

Pathway

- Arrhythmogenic right ventricular cardiomyopathy (ARVC)
- Hypertrophic cardiomyopathy (HCM)

Disease

- Cardiomyopathy
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema