

Fibromodulin Recombinant Protein | FMOD recombinant protein

Recombinant Fibromodulin (FMOD)

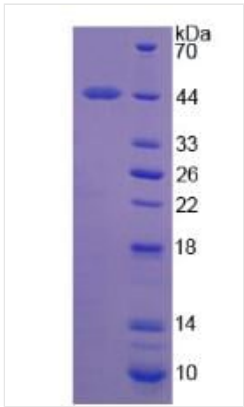
CATALOG # AAA143957	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Fibromodulin; Recombinant Fibromodulin (FMOD); FMOD recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>92%, 45 kDa as determined by SDS-PAGE reducing conditions
Form/Format	Supplied as Freeze-dried powder form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Sequence	QYEEDSHWWL QYLRNQSTY YDPYDTYPYE TSDPYPYEVE EGPAYAYGAP PPPEPRDCPQ ECDCPPNFPT AMYCDNRNLK YLPFVPSRMK YVYFQNNQIA AIQEGVFDNA TGLLWIALHG NQITSDKIGR KVFSKLRHLE RLYLDHNNLT RMPGPLPRSL RELHLDHNQI SRVPNNALEG LENLTALYLH HNEIQEVGSS MRGLRSLILL DLSYNHLRRV PDGLPSALEQ LYLEHNNVYT VPDSYFRGSP KLLYVRLSHN SLTNNGLATN TFNSSSLELE DLSYNQLQKI PPVNTNLENL YLQGNRINEF SISSFCTVVD VMNFSKLQVL RLDGNEIKRS AMPVDAPLCL RLASLIEI
Sequence Length	376
Applicable Applications for FMOD recombinant protein	SDS-PAGE, WB (Western Blot), Positive Control
Predicted Molecular Mass	45.0kDa
Accurate Molecular Mass (KD)	45kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag
Organism Species	Rattus norvegicus (Rat)
Fragment	Gln19~Ile376
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

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QY EEDSHWMLQY LRNQSTYYD PYDTVPYETS
DPYPYEVEEG PAYAYGAPPP PEPRDCPQEC DCPNPFPTAM YCDNRNLKYL
PFVPSRMKYV YFQNNQIAAI QEGVFDNATG LLWIALHGNO ITSDKIGRKV
FSKLRHLERL YLDHNNLTRM PGLPRSLRE LHLDHNQISR VPNNALEGLE
NLTALYLHHN EIQEVGSSMR GLRSLILLDL SYNHLRRVPD GLPSALEQLY
LEHNNVYTVP DSYFRGSPKL LYVRLSHNSL TNNGLATNTF NSSSLELDL
SYNQLQKIPP VNTNLENLYL QGNRINEFSI SSFCTVVDVM NFSKLQVLRL
DGNEIKRSAM PVDAPLCLRL ASLIEI
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SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	71040111
NCBI GeneID	2331
NCBI Accession #	NP_002014.2
NCBI GenBank Nucleotide #	NM_002023.4
Molecular Weight	43,179 Da
NCBI Official Full Name	fibromodulin
NCBI Official Synonym Full Names	fibromodulin
NCBI Official Symbol	FMOD
NCBI Official Synonym Symbols	FM; SLRR2E
NCBI Protein Information	fibromodulin
UniProt Protein Name	Fibromodulin
UniProt Gene Name	FMOD
UniProt Synonym Gene Names	FM; SLRR2E; FM; KSPG fibromodulin
UniProt Entry Name	FMOD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.