

Fibromodulin Recombinant Protein | FMOD recombinant protein

Recombinant Fibromodulin (FMOD)

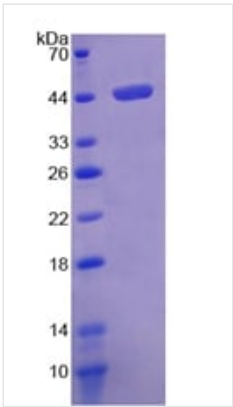
CATALOG # AAA144011	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Fibromodulin; Recombinant Fibromodulin (FMOD); FMOD recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% Sarcosyl, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for FMOD recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gln19~Ile376
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	6.1
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
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. 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 and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



QY EDDPHWMFHY LRSQQSTYYD PYDPYPYETY
EPVPYGVDEG PAYTYGSPSP PDPRDCQEC DCPNFTAM YCDNRNLKYL
PFVPSRMKYV YFQNNQITSI QEGVFNATG LLWIALHGNQ ITSDKVGRKV
FSKLRHLERL YLDHNNLTRM PGPLPRSLRE LHLDHQISR VPNNALEGLE
NLTAlyLQHN EIQEVGSSMR GLRSLILLDL SYNHLRKVPD GLPSALEQLY
MEHNNVYTVP DSYFRGAPKL LYVRLSHNSL TNNGLASNTF NSSSLLELDL
SYNQLQKIPP VNTNLENLYL QGNRINEFSI SSFCTVVDVV NFSKLQVLRRL
DGNEIKRSAM PADAPLCRLR ASLIEI

Sequence

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	Predicted Molecular Mass: 44.9kDa Accurate Molecular Mass: 45kDa as determined by SDS-PAGE reducing conditions.
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.