

Recombinant Human FMOD Protein (Gln19-Ile376), His tagged

Cat. No. FMOD-3032H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FMOD (Gln19-Ile376) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln19-Ile376
Description	Fibromodulin (FMOD), an ECM small leucine-rich proteoglycan (SLRP), was reported to promote angiogenesis not only during wound healing, but also in optical and cutaneous angiogenesis-dependent diseases. The autocrine FMOD of cancer cells may promote tumor angiogenesis of SCLC by upregulating the expression of angiogenic factors that act in concert to facilitate the angiogenic phenotype of endothelial cells as a proangiogenic factor. Therefore, silencing FMOD may be a potentially clinical therapy for repressing tumor angiogenesis.
Molecular Mass	41.82 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

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	date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	FMOD fibromodulin [Homo sapiens (human)]
Official Symbol	FMOD
Synonyms	FMOD; fibromodulin; fibromodulin proteoglycan; SLRR2E; FM; KSPG fibromodulin; collagen-binding 59 kDa protein; keratan sulfate proteoglycan fibromodulin;
Gene ID	2331
mRNA Refseq	NM_002023
Protein Refseq	NP_002014
MIM	600245
UniProt ID	Q06828

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