

Recombinant Human FAM49B, His-tagged

Cat. No. FAM49B-7589H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FAM49B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
ProteinLength	1-324aa
Antigen Description	FAM49B has been provisionally designated FAM49B pending further characterization. In a recent genome-wide transcriptional analysis, It identified a gene signature for multiple sclerosis (MS), which reverted back to normal during pregnancy. Reversion was particularly evident for 7 genes: SOCS2, TNFAIP3, NR4A2, CXCR4, POLR2J, FAM49B, and STAG3L1, most of which encode negative regulators of inflammation.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl, 1mM DTT
Molecular Mass	39.1 kDa(347aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGNLLKV LTCTDLEQGP NFFLDFENAQ PTESEKEIYN QVNVVLKDAE GILEDLQSYR GAGHEIREAI QHPADEKLQE KAWGAVVPLV GKLKKFYEF S QRLEAALRGL LGALTSTPYS PTQHLEREQA LAKQFAEILH FTLRFDELKM TNPAIQNDFS YYRRTL SRMR INNVP AEGEN EVNNELANRM SLFYAEATPM LKTLSDATTK FVSENKNLPI ENT TDCLSTM

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ASVCRVMLET PEYRSRFTNE ETVSFCLRVM VGVIIYDHV HPVGAFAKTS
KIDMKGCIV LKDQPPNSVE GLLNALRYTT KHLNDETTSK QIKSMLQ

Purity	>90% as determined by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/ml

GENE INFORMATION

Gene Name	FAM49B?family with sequence similarity 49, member B [?Homo sapiens?]
Official Symbol	FAM49B
Synonyms	FAM49B; L1; BM-009; protein FAM49B; family with sequence similarity 49, member B
Gene ID	51571
mRNA Refseq	NM_001256763
Protein Refseq	NP_001243692
UniProt ID	Q9NUQ9
Chromosome Location	8q24.21

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