

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 SQRLEAALRGL LGALTSTPYS PTQHLEREQA LAKQFAEILH FTLRFDELKM TNPAIQNDFS YYRRTL SRMR INNVP AEGEN EVNNELANRM SLFYAEATPM LKTLSDATTK FVSENKNLPI ENTTDCLSTM

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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