

AR50857PU-S**Human FAM49B (1-324, His-tag) - Purified**

Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q9NUO9
NCBI:	NP_057707
GeneID:	51571
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl, 1mM DTT
Description:	Recombinant human FAM49B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHHH SGLVPRGSH MGSMGNLLKV LTCTDLEQGP NFFLDFENAQ PTESEKEIYN QVNVVLKDAE GILEDLQSYR GAGHEIREAI QHPADEKLQE KAWGAVVPLV GKLLKFYEFS QRLEAALRGL LGALTSTPYS PTQHLEREQA LAKQFAEILH FTLLRFDELKM TNPAIQNDFS YYRRTL SRMR INNVPAEGEN EVNNELANRM SLFYAEATPM LKTLSDATTK FVSENKNLPI ENTTDCLSTM ASVCRVMLET PEYRSRFTNE ETVSFCLRVM VGVIILYDHV HPVGAFAKTS KIDMKGCIKV LKDQPPNSVE GLLNALRYTT KHLNDETTSK QIKSMLQ Molecular weight: 39.1 kDa (347aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Francesca Gilli. et al. (2011) Arch Neurol. 68:879-888Niranjana A Nagarajan. et al. (2012) Nature Immunology. 13:579-586.

Pictures:

