# Recombinant human FAM49B protein

Catalog Number: ATGP2033

## PRODUCT INFORMATION

**Expression system**
E.coli

**Domain**
1-324aa

**UniProt No.**
Q9NUQ9

**NCBI Accession No.**
NP_057707

**Alternative Names**
Protein FAM49B, Protein FAM49B, BM-009, L1

## PRODUCT SPECIFICATION

**Molecular Weight**
39.1 kDa (347aa) confirmed by MALDI-TOF

**Concentration**
1mg/ml (determined by Bradford assay)

**Formulation**
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.1M NaCl, 1mM DTT

**Purity**
> 90% by SDS-PAGE

**Tag**
His-Tag

**Application**
SDS-PAGE

**Storage Condition**
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

**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. Recombinant human FAM49B protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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### Amino acid Sequence

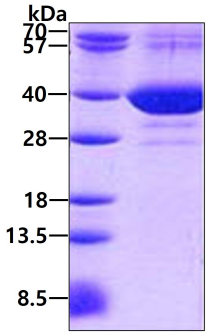
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### General References

Francesca Gilli. et al. (2011) Arch Neurol. 68:879-888
Niranjana A Nagarajan. et al. (2012) Nature Immunology. 13:579-586.

## DATA

### SDS-PAGE




3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.