
Product Data Sheet

Product Name: FAM49B Human
 Cat. No.: GP23466
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	BM-009; L1; Protein FAM49B; FAM49B.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMGNLLKV LTCTDLEQGP NFFLDFENAO PTESEKEIYN QVNVVLKDAE GILEDLQSYR GAGHEIREAI QHPADEKLQE KAWGAVVPLV GKLKKFYEFS QRLEAALRGL LGALTSTPYS PTQHLEREQA LAKQFAEILH FTLRFDELKM TNPAIQNDFS YYRRTL SRMR INNVP AEGEN EVNNELANRM SLFYAEATPM LKTLSDATTK FVSENKNLPI ENT TDCLSTM ASVCRVMLET PEYRSRFTNE ETVSFCLRVM VGVIIYD HV HPVGAFAKTS KIDMKGCIKV LKDQPPNSVE GLLNALRYTT KHLNDETT SK QIKSMLQ.		
Formulation	FAM49B protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT.		

Introduction

Family with Sequence Similarity 49, Member B (FAM49B) is a member of the FAM49 family. In the latest genome-wide transcriptional analysis, a gene signature was identified for multiple sclerosis (MS), which reverted back to normal during pregnancy. The reversion was mostly evident for seven genes: SOCS2, TNFAIP3, NR4A2, CXCR4, POLR2J, FAM49B, and STAG3L1, most of which are negative regulators of inflammation.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

FAM49B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 347 amino acids (1-324 a.a) and having a molecular mass

Caution: Product has not been fully validated for medical applications. For research use only.

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of 39.1kDa. FAM49B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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