

Family with Sequence Similarity 49, Member B Human Recombinant

Item Number	rAP-3294
Synonyms	BM-009, L1, Protein FAM49B, FAM49B.
Description	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 of 39.1kDa. FAM49B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9NUQ9
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGNLLKV LTCTDLEQGP NFFLDFENAQ PTESEKEIYN QVNVVLKDAE GILEDLQSYR GAGHEIREAI QHPADEKLQE KAWGAVVPLV GKLLKFFYEFS QRLE- AALRGL LGALTSTPYS PTQHLEREQA LAKQFAEILH FTLRFDELKM TNPAIQNDFS YYRRTL SRMR INNVPAEGEN EVNNELANRM SLFYAEATPM LKTLSDATTK FVSENKNLPI ENT TDCLSTM ASVCRVM- LET PEYRSRFTNE ETVSFCLRV M VGVIILYDHV HPVGAF AKTS KIDMKGCIKV LKQPPNSVE GLLNAL- RYTT KHLNDETT SK QIKSMLQ.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	FAM49B protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**