

Immunity-Related GTPase Family, M Human Recombinant

Item Number	rAP-3871
Synonyms	Immunity-related GTPase family M protein, Immunity-related GTPase family M protein1, Interferon-inducible protein 1, LPS-stimulated RAW 264.7 macrophage protein 47 homolog, LRG-47, IRGM, IFI1, IRGM1, LRG47.
Description	IRGM Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 180 amino acids (23-181) and having a molecular mass of 20.1 kDa. IRGM is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	A1A4Y4
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MKETLKIVSR TPVNITMAGD SGNGMSTFIS ALRNTGHEGK ASPPTLVKA TQRCASYFSS HFSNVVLWDL PGTGSATTL ENYLMEMQFN RYDFIMVASA QFSMNHVMLA KTAEDMGKKF YIVWTKLDMD LSTGALPEVQ LLQIRENVLE NLQKERVCEY.
Source	Escherichia 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	The IRGM solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2M urea and 10% glycerol. Greater than 90.0% 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**