

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

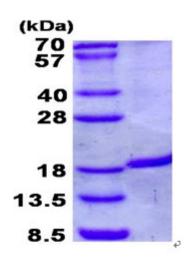
AR50657PU-S Human IRGM (23-181, His-tag) - Purified

Alternate names:	IFI1, IRGM1, Immunity-related GTPase family M protein, LRG-47, LRG47, MGC149263, MGC149264
Quantity:	0.1 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	Immunity-related GTPase family M protein, also known as IRGM, is required for clearance of acute protozoan and bacterial infections. This protein functions in innate immune response probably through regulation of autophagy. It may regulate proinflammatory cytokine production and prevent endotoxemia upon infection and may also play a role in macrophages adhesion and motility.
Uniprot ID:	F8VPC9
NCBI:	<u>NP_001139277</u>
GenelD:	84667
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2M urea, 10% glycerol
Description:	Recombinant human IRGM protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHHH SSGLVPRGSH MKETLKIVSR TPVNITMAGD SGNGMSTFIS ALRNTGHEGK ASPPTELVKA TQRCASYFSS HFSNVVLWDL PGTGSATTTL ENYLMEMQFN RYDFIMVASA QFSMNHVMLA KTAEDMGKKF YIVWTKLDMD LSTGALPEVQ LLQIRENVLE NLQKERVCEY Molecular weight: 20.1 kDa (180aa)
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:	Singh S.B., et al. (2006) Science. 313:1438-1441Parkes M., et al. (2007) Nat. Genet. 39:830-832

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



Pictures:



15% SDS-PAGE (3ug)

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