

## Product datasheet for **AR50657PU-N**

### IRGM (23-181, His-tag) Human Protein

#### Product data:

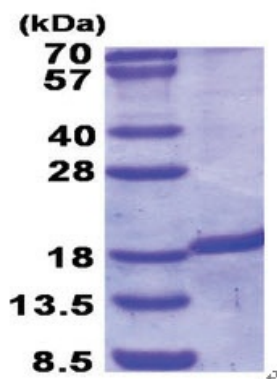
Product Type:	Recombinant Proteins
Description:	IRGM (23-181, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MKETLKIVSR TPVNITMAGD SGNGMSTFIS ALRNTGHEGK ASPPTLVKA TQRCA5YFSS HFSNVVLWDL PGTGSATTL ENYLMEMQFN RYDFIMVASA QFSMNHVMLA KTAEDMGKKF YIVWTKLDMD LSTGALPEVQ LLQIRENVLE NLQKERVCEY
Tag:	His-tag
Predicted MW:	20.1 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2M urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human IRGM protein, fused to His-tag at N-terminus, was expressed in E.coli.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001159439</a>
Locus ID:	84667
UniProt ID:	<a href="#">F8VPC9</a> , <a href="#">Q9BYE0</a>
Cytogenetics:	17p13.1
Synonyms:	bHLHb37; SCDO4



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**Summary:**

This gene encodes a member of the hairy and enhancer of split family of bHLH transcription factors. The mouse ortholog of this gene is regulated by Notch signaling. The protein functions as a transcriptional repressor, and is implicated in correct patterning of the axial skeleton. A mutation in this gene has been shown to result in spondylocostal dysostosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

**Product images:**

15% SDS-PAGE (3ug).