

Recombinant Human IRGM Protein, GST-tagged

Cat. No. IRGM-5030H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IRGM partial ORF (XP_293893.3, 99 a.a. - 181 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Members of the p47 immunity-related GTPase (IRG) family, including IRGM, play an important role in the murine immune system; however, in humans this resistance system is greatly reduced. There is evidence that human IRGM plays a role in autophagy and control of intracellular mycobacteria (Bekpen et al., 2005; Singh et al., 2006 [PubMed 16888103]).[supplied by OMIM]
Molecular Mass	34.87 kDa
AA Sequence	TTLENYLMEMQFNRYDFIMVASAQFSMNHVMLAKTAEDMGKKFYIVWTKLDMDLST GALPEVQLLQIRENVLENLQKERVCEY
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name IRGM immunity-related GTPase family, M [Homo sapiens]

Official Symbol IRGM

Synonyms IRGM; immunity-related GTPase family, M; immunity related GTPase family, M1 , IRGM1; immunity-related GTPase family M protein; IFI1; LRG 47; LRG47; LRG-47-like protein; interferon-inducible protein 1; immunity-related GTPase family, M1; LPS-stimulated RAW 264.7 macrophage protein 47 homolog; IRGM1; LRG-47; MGC149263; MGC149264;

Gene ID 345611

mRNA Refseq NM_001145805

Protein Refseq NP_001139277

MIM 608212

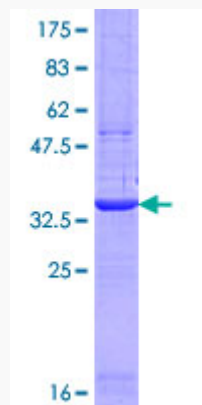
UniProt ID A1A4Y4

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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