

Product datasheet for **SC125911**

ISG15 (BC009507) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ISG15 (BC009507) Human Untagged Clone
Tag:	Tag Free
Symbol:	ISG15
Synonyms:	G1P2; IFI15; interferon, alpha-inducible protein (clone IFI-15K); interferon-induced 17-kDa/15-kDa protein; interferon-stimulated protein, 15 kDa; ISG15 ubiquitin-like modifier; OTTHUMP00000038464; ubiquitin cross-reactive protein; UCRP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC009507 edited CAGGAGCTCGTGCCGTGGCCACAGCCCACAGCCCACAGCCATGGGCTGGGACCTGACGG TGAAGATGCTGGCGGGCAACGAATTCCAGGTGTCCTGAGCAGCTCCATGTCGGTGTGAG AGCTGAAGGCGCAGATCACCCAGAAGATCGGCGTGCACGCCTTCCAGCAGCGTCTGGCTG TCCACCCGAGCGGTGTGGCGCTGCAGGACAGGGTCCCCCTGCCAGCCAGGGCCTGGGCC CCGGCAGCACGGTCTGCTGGTGGTGGACAAATGCGACGAACCTCTGAACATCCTGGTGA GGAATAACAAGGGCCGCAGCAGCACCTACGAGGTGCGGCTGACGCAGACCGTGGCCACC TGAAGCAGCAAGTGAGCGGGCTGGAGGGTGTGCAGGACGACCTGTTCTGGCTGACCTTCG AGGGGAAGCCCCTGGAGGACCAGCTCCCCTGGGGAGTACGGCCTCAAGCCCCTGAGCA CCGTGTTTCAATCTGCGCCTGCGGGGAGGCGGCACAGAGCCTGGCGGGCGGAGCTAAG GGCCTCCACCAGCATCCGAGCAGGATCAAGGGCCGAAATAAAGGCTGTTGTAAGAGAA AAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC009507 unedited GGCGGTTCCGGATTTGTATACGACTCATATAGGCGGACCGGAATTCGCACGAGGCAGGAG CTCGTGCCGTGGCCACAGCCCACAGCCCACAGCCATGGGCTGGGACCTGACGGTGAAGA TGCTGGCGGGCAACGAATTCCAGGTGCCCTGAGCAGCTCCATGTCGGTGTGACAGCTGA AGGCGCAGATCACCCAGAAGATCGGCGTGCACGCCTTCCAGCAGCGTCTGGCTGTCCACC CGAGCGGTGTGGCGCTGCAGGACAGGGTCCCCCTTGCCAGCCAGGGCCTGGGCCCCGGCA GCACGGTCTGCTGGTGGTGGACAAATGCGACGAACCTCTGAACATCCTGGTGAGGAATA ACAAGGGCCGCAGCAGCACCTACGAGGTGCGGCTGACGCAGACCGTGGCCACCTGAAGC AGCAAGTGAGCGGGCTGGAGGTGTGCAGGACGACCTGTTCTGGCTGACCTTCGAGGGGA AGCCCCTGGAGGACCAGCTCCCCTGGGGAGTACGGCCTCAAGCCCCTGACACCGTGT TCATGAATCTGCGCTGCGGGGAGGCGGCACAGAGCCTGGCGGGCGGAGCTAAGGGCCTC CACCAGCATCCGAGCAGGATCAAGGGCCGAAATAAAGGCTGTTGTAAAGAGAAAAA AAAAAAAAAAAACTCGACTCTAGATTGCGGCCGCGGTACATAGCTGTTTCTGGACAGAT CCCCGGTGGCATCCCTGTGACCCCTCCCAGTGCCTCTCCTGGCCCTGAAAAGTGCCACT CCAGTGCCACCAGCCCTGTCCTAATAAAATTAAGTTGCATCATTTTGTCTGACTAGGTG TCCTTCTATATATTATGGGGTGAGGNGGGGGGATTTGGAACAGGGGCCAGTTTGGAAA AAC
Restriction Sites:	Please inquire
ACCN:	BC009507
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>BC009507.2</u> , <u>AAH09507.1</u>
RefSeq Size:	619 bp
Locus ID:	9636
Cytogenetics:	1p36.33
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	RIG-I-like receptor signaling pathway

Gene Summary:

The protein encoded by this gene is a ubiquitin-like protein that is conjugated to intracellular target proteins upon activation by interferon-alpha and interferon-beta. Several functions have been ascribed to the encoded protein, including chemotactic activity towards neutrophils, direction of ligated target proteins to intermediate filaments, cell-to-cell signaling, and antiviral activity during viral infections. While conjugates of this protein have been found to be noncovalently attached to intermediate filaments, this protein is sometimes secreted. [provided by RefSeq, Dec 2012]