

Product datasheet for MC205459

Ifi30 (NM_023065) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifi30 (NM_023065) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ifi30
Synonyms:	GILT; IP30
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC054852 GCTTTTTTCCTCCGACCCATGTCCTGGTCTCCGATCCTACCATTTTTGTCCCTTCTGCTTCTGCTGTTCC CACTCGAGGTTCCAGAGCAGCCACTGCGTCCCTTTGCAAGCATCCTCCGAAGGCACAACCACCTGCAA GGTCCACGATGTGTGCCTCTTGGGGCCACGCCATTGCCCTTACCACCTGTGAGAGTACGCTGTAT TATGAGTCCCTGTGTGGAGCTTGTGCTACTTCTCGTCCGGATTGTTCCCAACCTGGCTGATGGTGA TGGAAATCATGAACATCACCTGGTGCCCTACGGGAATGCACAGGAGAGAAATGTCAGCGGTACGTGGGA GTTACAGTGCCAGCACGGGGAGCTGGAGGTAGACTGAACATGGTGGAGGCCTGTCTGCTGGATAAGCTG GAAAAGGAGGCAGCGTTCCTAACCATCGTCTGTATGGAGGAGATGGATGATATGGAGAAGAACTGGGAC CGTGCCTGCAGGTGTATGCTCCTGAGGTGTCACCAGAGAGTATCATGGAGTGCGCCACAGGAAAACGGGG CACACAGTCTATGCATGAGAATGCCAGCTCACAGATGCCCTACACCCACCCACGAGTATGTGCCCTGG GTGCTGGTCAATGAGAACTTTGAAGGACCCAGCGAGCTCCTGAGCATAGTCTGTGAGTGTACCAGG GAACGGAGAAGCCAGACATCTGCTCCTCCATTGCCGACTCCCCAGGAAGGTCTGTATAAGTAAAGGCA TAACCTCAAACCTGTCAGGAAAACTGCCAGCTTCTTCAAATTGCCAACTGCAAGAGCTGCTGCCT CGCTATGAAAACCTTGACATGTCCACAAAGCCAGACTCCAGACTTCTCAGAGACAAGGATCTTGCT TATTTTCAAATGGTGCTAAATTTAAATTCATAGAATAAATCATCTATACTCCTGTGAAAAAAAAAAAAA AAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_023065
Insert Size:	747 bp
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).



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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:	BC054852 , AAH54852
RefSeq Size:	987 bp
RefSeq ORF:	747 bp
Locus ID:	65972
UniProt ID:	Q9ESY9
Cytogenetics:	8 B3.3
Gene Summary:	Lysosomal thiol reductase that can reduce protein disulfide bonds. May facilitate the complete unfolding of proteins destined for lysosomal degradation. Plays an important role in antigen processing. Facilitates the generation of MHC class II-restricted epitodes from disulfide bond-containing antigen by the endocytic reduction of disulfide bonds. Facilitates also MHC class I-restricted recognition of exogenous antigens containing disulfide bonds by CD8+ T-cells or crosspresentation.[UniProtKB/Swiss-Prot Function]