

Product datasheet for **RG207245**

ILP2 (BIRC8) (NM_033341) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ILP2 (BIRC8) (NM_033341) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ILP2
Synonyms:	hILP2; ILP-2; ILP2; RNF136
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG207245 representing NM_033341 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGGGTTATGAAGCCCGCTCATTACTTTGGGACATGGATGTACTCCGTTAACAAAGAGCAGCTTG
CAAGAGCTGGATTTTATGCTATAGGTCAAGAGGATAAAGTACAGTGCTTTCAGTGTGGAGGAGGGCTAGC
CAACTGGAAGCCCAAGGAAGATCCTTGGGAACAGCATGCTAAATGGTATCCAGGTTGCAAAATATCTGCTA
GAAGAGAAGGGACATGAATATATAAACAACATTCATTTAACCCGTTCACTTGAGGGAGCTCTGGTACAAA
CTACCAAGAAAACACCATCACTAACTAAAAGAATCAGTGATACCATCTTCCCTAATCCTATGCTACAAGA
AGCTATACGAATGGGATTTGATTTCAAGGACGTTAAGAAAATAATGGAGGAAAGAATTCAAACATCTGGG
AGCAACTATAAAACGCTTGGGGTCTTGTGTCAGATCTAGTGAGCGCTCAGAAAGACACTACAGAAAATG
AATTGAATCAGACTTCATTGCAGAGAGAAATCAGCCCTGAAGAGCCGCTAAGGCGTCTGCAAGAGGAGAA
GCTTTGTAATACTGCATGGACAGACATATCGCTGTTGTTTTATTTCCTTGTGGACATCTGGTCACTTGT
AAACAATGTGCTGAAGCAGTTGACAGATGTCCCATGTGCAGCATGGTTATTGATTTCAAGCAAAGAGTTT
TTATGTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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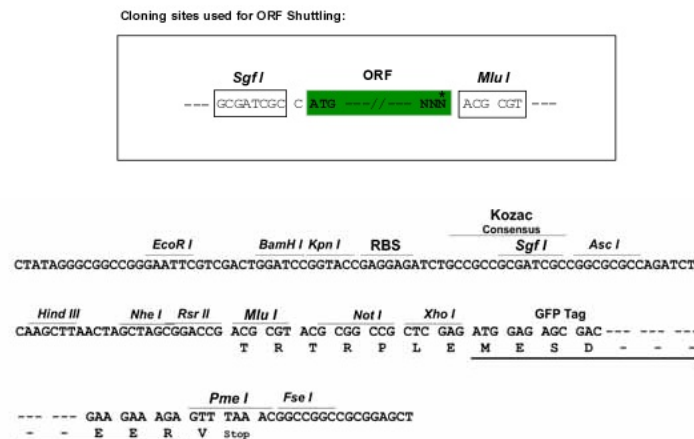
Protein Sequence: >RG207245 representing NM_033341
 Red=Cloning site Green=Tags(s)

MTGYEARLITFGTMYSVNKEQLARAGFYAIGQEDKVQCFHCGGLANWPKEDPWQHAHWYPGCKYLL
 EEKGHEYINNIHLTRSLEGALVQTTKTPSLTKRISDTIFPNPMLQEAI RMGDFDKVKKIMEERIQTSG
 SNYKTLGVLVADLVSAQKDTTENELNQTSLQREISPEEPLRRLQEELCKICMDRHI AVVFIPCGHLVTC
 KQCAEAVDRCPMCSMVIDFKQRFMS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_033341

ORF Size: 708 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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: [NM_033341.3](#), [NP_203127.3](#)

RefSeq Size: 2047 bp

RefSeq ORF: 711 bp

Locus ID: 112401

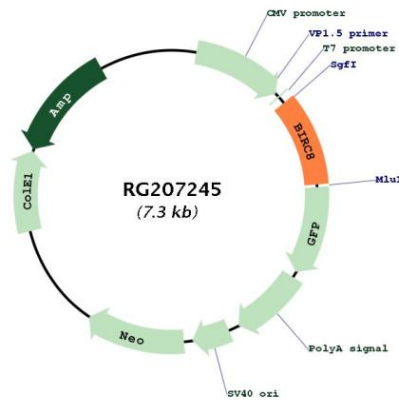
UniProt ID: [Q96P09](#)

Cytogenetics: 19q13.42

Protein Families: Druggable Genome

Gene Summary: Protects against apoptosis mediated by BAX.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG207245