

Product datasheet for **MR222582**

Il20rb (NM_001033543) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il20rb (NM_001033543) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il20rb
Synonyms:	AV228068; Fndc6; Gm186; Il20R2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR222582 representing NM_001033543 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATTTCCAGGGAGTCTGGACAAGTCCGTTCATGTGGTTTTTCTACAGCATGACCTCAGGTTTTCTCA
CGGATGCAGTGTCCGTTTTACCTGCCCTCAGAACCTCTGTACAGTCAACCAACATGAAGCATCTCTT
GATGTGGAACCCAGTGACCCAGCCGGGGAGACGGTGTCTATTGTGGAGTATCAGGGGGAGTACGAG
AGCCTGTACATGAGCCACATCTGGATCCCCAGCAGTCAATGCTCACCGACCAAAAGTCTGGAGTGTGATG
TCACCGATGACATAACCGCCACAGTGCCATATAACTTCAGGGTCAAGGCCATGCTGGGCTCACAGACTTC
AGCCTGGAGCAACCTGGAGCACCCCTTTAACCGAAATGCAACTGTCTCACCCACCCAGGATGGAGGTC
ACTGAACATGGGCTGCATCTGGTTATTGAGCTGGAAGACCTGGGGCCCCAGTTTGAGTTCCTTTGGTCT
ACTGGAGGAGGGAGCCTGGCGCCGCGGAACATGTTAAGATGGTGAAGGAGTGGGGACATCCGGTGCACCT
AGAAACCATGGAACCGGGGGCCATGACTGTGTGAAGGCGCAGGCACTGGTGAAGCCATCGGGAGGCAC
AGTGCCTTCAGCCAGCCTACGTGTGTGGAGATGCAAGGAGAGTCTCTCCGCTGGCACTAGCTCTGTTTG
CGTTTGTGGCTTCATGCTGATTCTCGTGGTTGTACTACTCTCCGTCTGGAAGATGGGCCAGCTGCTCCG
GTATTCTTGCTGCCCCCGCTTGTCTCCAGACACCTTAAAAATAACCAGTTCGTCTCAGAAGCTGATC
AGCTGCAGGAAGGAGGAGTGGACGCCTGTGCTGTGGCTGTGCTCCTCGGAGCATCTCTTTGGGGTCT
GGATCTCACAGACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR222582 representing NM_001033543
Red=Cloning site Green=Tags(s)

MISQGVWTSPPMFFFYSMTSGFLTDAVSVLPAPQNLVQSTNMKHLLMWNPVTQPGETVLYCVEYQGEYE
 SLYMSHIWIPSSQCSPTKSLECDVTDITATVPYNFRVKAMLGSQTSAWSNLEHFPNRNATVLTTPRMEV
 TEHGLHLVIELEDLGPQFEFLVYWRREPAAEHVKMVRSGDIPVHLETMEPGAMVCVKAQALVKAIGRH
 SAFSQPTCVEMQGESLPLALALFAFVGFMLILVVVLLSVWKMGLLRYSCCPAVVLPTLKITSSSQKLI
 SCRKEEVDACAVAVLSSEHLFGVWISQT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9081_c02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001033543

ORF Size: 924 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_001033543.3](#), [NP_001028715.2](#)

RefSeq Size: 2479 bp

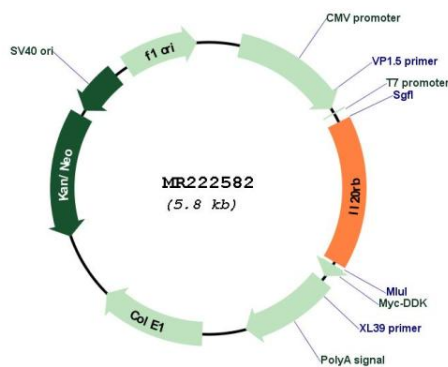
RefSeq ORF: 927 bp

Locus ID: 213208

Cytogenetics: 9 E3.3

MW: 34.4 kDa

Product images:



Circular map for MR222582