

Product datasheet for **MC204962**

Hrasls5 (NM_025731) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hrasls5 (NM_025731) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hrasls5
Synonyms:	1700055A14Rik; 1700086E08Rik; 4921526K24Rik; HRSL5; iNAT
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC061008

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AGCCCCGCTGGCCCCAGTGCCCATGATCCCGGGGCTAGGCGGACCCTGGTCCGCACCTCCCTGCAGGCGC
GTTGTCCCTGCTGGCCCCAGCGGGATGGGCTTGAGCCCAGCAGCCAGCGGGGAGTTCGGGATCCGCCTTT
CCAGGGTCCCATGGCCACGCCCCACGCAGATCTCGAAGACCTCAAGTACAGAGTCAAGTGACACCCAATC
TGCAACTGGACAGTCAACTGTACCCCACTCAGACTCAGCGAGTTCTCAAGCGCTGTTGGTCCAGTTCTTG
CCGAAGCAACTCAAGCAAGACCGCCGATTAGAAGAGGCCCGAAGCTTTCAGCAGGGAGAGAAGCCGGAAA
CTAGTTTGGAGCTCACACCCAGCAAGAAGAGGACAGAGCTGATTCCAACATCAAATTCAGAGATCGAAAG
CACACAAAAAACCAAGCAGTTGAGGGCAATCCAAGACCCAGACCTGGAGACCTGATTGAGATTTTTCGA
ATTGGCTATGAACATTGGGCCATCTATGTGAAGATGACTGCGTGGTCCACCTGGCTCCCCCAAGTGAGT
TTGAGGCAGGGAGCATCACCTCTATCTTCAGCAACCGAGCTGTGGTGAAGTACAGCCGGCTGGAGGATGT
GCTGCACGGTTGCTCCTGGAAGATCAACAACAAGCTGGATGGCACATACCTGCCGCTGCCGTGGACAAG
ATCATGCAGCGCACAAAAACATGATAAACAAGATAGTTCAAGTACAGCCTAATTGAGGGGAAGTGTGAGC
ACTTTGTCAATGACCTCAGATATGGTGTGCCCAGGAGCCAGCAGGTGGAGCACGCCTGGTGGAGGGAGC
GAAGGCTGCAGGAGCTGTCTCTCAGCAGTAGTAGATAGCATAAGACCCAAACCCATAACTGCTTGAAGG
TGCTACAATTCTGTGCGGAGGAAGAGCTACTAGCAGCTGCGGAGCAAAGACCGCCTTTCTTCTCTCTTG
CTTTCTCACTCAGTAGCCCTGTTAAAAAAGATTGTGAGTTCTGGAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites:	Sfil-Sfil
ACCN:	NM_025731
Insert Size:	885 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC061008 , AAH61008
RefSeq Size:	1096 bp
RefSeq ORF:	885 bp
Locus ID:	66727
UniProt ID:	Q9CPX5
Cytogenetics:	19 A
Gene Summary:	Exhibits both phospholipase A1/2 and acyltransferase activities (By similarity). Shows phospholipase A1 (PLA1) and A2 (PLA2) activity, catalyzing the calcium-independent release of fatty acids from the sn-1 or sn-2 position of glycerophospholipids (By similarity). Shows N-acyltransferase activity, catalyzing the calcium-independent transfer of a fatty acyl group at the sn-1 position of phosphatidylcholine (PC) and other glycerophospholipids to the primary amine of phosphatidylethanolamine (PE), forming N-acylphosphatidylethanolamine (NAPE), which serves as precursor for N-acylethanolamines (NAEs) (PubMed:19000777). [UniProtKB/Swiss-Prot Function]