

Product datasheet for **RN213422**

Hars2 (NM_001014012) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hars2 (NM_001014012) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hars2
Synonyms:	Hars2l; RGD1308426; Zmat2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213422 representing NM_001014012
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCACCTAGGGCCCTGCGCTGTAGGACCTGGGCTGCACTACTCGCCAACCTCTGCGACCTCCCC
 GCACTGTGTGCAACCGGGCGGTGCGCTGTATAGCCAGGTTGCGAAGGCAGTGTTAACATCTGAGCAACT
 GAAACCACATCAACAAAAACCAATTTTATCATCAAGGTTCCAAAGGGCACCCAGGATTTAAGTCCTCAA
 CAGATGGTTGTGAGGGAGAAAATCTTGATAAGATTATTAGCTGTTTTAAACGTCATGGGGCAAAGGGGT
 TGGACACGCCAGCATTTGAGCTAAAAGAAATGCTCACCGAGAAGTATGAAGACAACCTCGGCCTCATGTA
 TGATTTGGAGGATCAAGGTGGGAGTTGCTGTCTCTGCGCTATGACCTTACTGTCCCTTTTGCTCGCTAT
 CTGGCCATGAATAAATTGAAGAGGATGAAACGGTATCAAGTGGGAAAGGTGTGGAGGCGAGAGAGTCCAG
 CTATAGTCCAGGGCCGCTACCGGGAGTTCTGCCAGTGTGATTTTGACATTGCTGGTGAGTTTGACCCAAT
 GATCCCTGATGCAGAGTGGTTGAGGATTATGTGTGAAATCCTAAGTGGATTGCAGCTGGGGGACTTTCTC
 ATTAAGGTAAATGACCGTCGGGTTGTAGACGGGATGTTTGTCTGTCTGTGGTGTTCCTGAGAGCAAGTTC
 GTACCATCTGCTCCTCAATGGACAACTAGACAAGATGCTTGGGAAGATGTGAGACTTGAGATGGTGGC
 AGGGAAAGGCCTAGTCCCTGAGGTGGCTGATCGAATTGGGGACTACGTCCAATGCCATGGGGGATATCC
 CTGGTAGAGGAGCTGTTCAAGGATCCCAGACTGTCCAAAGCCAGCTGGCCTTGCAAGGGCCTAGGGGACC
 TGAAGTCTCTTTGAATACCTGAGGTTATTTGGAATTGCCGATAAGATCTCCCTTGATCTGAGTCTGGC
 CCGGGGCTGGACTATTATACAGGAGTCATTTATGAAGCAGTACTGCTAGAGTCTCCAGCTCAGGCCGGA
 AAGGAGACTCTGAATGTGGGTAGTGTGGCTGCTGGTGGCGCTATGACAGGCTGGTAGCCAGTTTGATC
 CCAAGGGACATAGCGTGCCTTGTGTGGGTTGAGCATTGGAGTAGAGAGAATCTTCTATCTTGTGGAGCA
 GAAGATGAAGATTTCTTGTGAGAAGGTTGGAACACAGAGACCCAAGTGTGGTGGCCACGCCCCAGAAG
 AACTTCTCCAAGAGCGTTTGAAGATAATTGCACAGCTTTGGGATGCAGGGATCAAGGCAGAGATGCTTT
 ATAAAAACAACCCTAAACTGTTAACCCAGCTGCACTATTGTGAGAAAGAAGACATTCTCTAATGGTCAT
 TATTGGTGAAGCAAGAACAAGGATGCGTCAAGCTCCGTTCAAGTGGCCAGCAGAGAAGAAGTGAAC
 GTTAATCGAGAAAGTCTTGTGGCTGAAATTCAGAAGCGACTGTCTGAGTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001014012

Insert Size: 1524 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).

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_001014012.2](#), [NP_001014034.2](#)

RefSeq Size: 3089 bp

RefSeq ORF: 1524 bp

Locus ID: 307491

Cytogenetics: 18p11