

Product datasheet for RN205928

Eif2s1 (NM_019356) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eif2s1 (NM_019356) Rat Untagged Clone
Tag: Tag Free
Symbol: Eif2s1
Synonyms: MGC93488
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205928 representing NM_019356
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCGGTCTAAGTTGTAGATTTTATCAACACAAATTCCTGAGGTGCAAGATGTAGTGATGGTGAATG
 TAAGATCCATTGCTGAAATGGGGCCTATGTCAGCTTGTGGAATATAAACATTGAAGGCATGATTCT
 TCTTAGTGAATTATCCAGACGACGTATCCGTTCTATAAACAACCTGATCCGAATTGGCAGAAATGAATGT
 GTAGTTGTCATTAGAGTGGATAAAGAAAAGGATATATAGATTTGTCAAAAAGAAGATTTCTCCAGAGG
 AAGCAATCAAATGTGAAGACAAATTCACAAAATCCAAAACCTGTTTATAGCATTCTTCGCCATGTTGCTGA
 GGTATTAGAGTATACCAAGGATGAGCAGCTGAAAGCCTATTCCAGAGGACTGCCTGGGTCTTTGATGAC
 AAGTACAAGAGACCTGGATATGGTGCCTATGATGCCTTAAAGCATGCAGTCTCAGACCCATCTATCTTGG
 ATAGTTTAGATTTGAATGAAGATGAAAGAGAAGTACTCATTAAACAATATCAATAGGCGTTTGACCCACA
 AGCTGTCAAGATTCGAGCAGATATTGAGGTAGCTTGTATGGTTACGAAGGCATTGATGCTGTA AAAAGAA
 GCCCTGAGAGCAGGTTTGAATTGTTCTACAGAAACCATGCCATCAAGATTAATCTAATAGCTCCACCCA
 GGTATGTGATGACAACAACGACCCTAGAGAGGACAGAAGGACTCTGTTCTCAATCAGGCTATGGCAGT
 CATCAAAGAAAAGATTGAGGAGAAGAGGGGAGTGTCAATGTTTCAGATGGAGCCCAAAGTGGTTACAGAT
 ACAGATGAGACTGAACTTGCAAGGCAGCTGGAACGGCTTGAGAGAGAAAATGCAGAAGTGGATGGAGATG
 ATGATGCAGAAGAAATGGAAGCCAAAGCTGAAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019356
Insert Size: 948 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:	<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:	NM_019356.1 , NP_062229.1
RefSeq Size:	1377 bp
RefSeq ORF:	948 bp
Locus ID:	54318
UniProt ID:	P68101
Cytogenetics:	6q24
Gene Summary:	subunit of translational initiation factor eIF-2; forms ternary complex with methionyl-tRNAi and GTP and promotes the binding of the initiator tRNA to 40 S ribosomal subunits [RGD, Feb 2006]