

Product datasheet for **RN200545**

Elmo1 (NM_001108415) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elmo1 (NM_001108415) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Elmo1
Synonyms:	ELMO1s
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200545 representing NM_001108415
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCCGCCTTCGGACATCGTGAAGGTGGCCATAGAATGGCCTGGCGCCTACCCTAAACTCATGGAGA
 TTGACCAGAAAAACCACTGTCTGCCATAATAAAGGAAGTCTGCGATGGGTGGTCTCTTGCCAACCATGA
 ATATTTTCTCTGCGACATGCTGATAGTTCAAACCTTCTACATCACAGAAAAGAATCGCAACGAAATAAAA
 AATGGCACTATTCTTCGATTAACCACGTCCTCCAGCTCAAATGCCAGCAGCTCCATGAACGAATACAGT
 CATCAAGTATGGACGCCAAGTTGGAAGCCCTGAAGGACTTGGCCAGCCTCTCCGGGATGTTACCTTTGC
 TCAGGAGTTCATAAACCTGGATGGCATTCTACTCCTCACTCAGATGGTGGAAAGTGGCACTGAACGATAC
 CAGAAGTTCAGAAAGATTATGAAGCCCTGCTTTGGAGACATGCTGCCTTCACTCTCACAGCCTTTGTGG
 AGCTGATGGACCATGGCATCGTGTATGGGATACATTCTCAGTGGCGTTCATTAAGAAGATAGCAAGCTT
 TGTGAACAAGTCTGCCATAGACATCTCAATCCTGCAGCGGTCCTTGGCCATTTTGGAGTCAATGGTTCTC
 AATAGCCATGACCTCTACCAAAAGGTAGCTCAGGAGATACCAATTGGCCAACTCATTCTCATCTTCAGG
 GGACAGACCAAGAAATCCAGACTTACACCATGCTGTAATCAATGCACCTTTCTGAAAGCGCCTGATGA
 GAGGAGACAGGAGATGGCTAATATTTTGGCTCAGAAGCAGCTGCGCTACATCTTTAAACCATGTCATC
 CGAGCACAGCGGCCATCAACAACGAGATGGCACACCAGTTATATGTTCTCCAAGTGTGACCTTTAACCC
 TTCTGGAAGATAGGATGATGACCAAGATGGACCCCAAGGAGCCCAAGGGACATCATATTTGAACT
 TCGAAGGATTGCTTTTGTGAGAGTCAAGAACCAATATAGCAGCGGCAGCATGGAGAAACGCAAGTCC
 ATGTACACTCGGATTATAAAAACTTGGCTTTCATTAATCATGTCAATCCTGCCATGGACTTTACACAGA
 CCCCTCCCGGATGCTGGCTCTGGACAACATGCTGATTTTCGCTAAGCACCACCAGGATGCATACATCCG
 GATTGTGCTTGAGAACAGCAGCCGAGAAGATAAGCATGAATGTCCTTTTGGACGCAGCATATAGAATG
 ACCAAGATGCTGTGTGAGATCCTGAAAGTGGGCGAGCTGCCTAGTGAGACCTGCAACGACTTTCACCCGA
 TGTCTTCCACCATGACAGATCTTTTGAAGAGTTTTTCTGCATTTGTATCCAGCTCCTGAACAAAACATG
 GAAGGAAATGAGGGCAACATCTGAAGACTTCAACAAGGTAATGCAGGTGGTGAAGGAGCAGGTTATGAGA
 GCGCTTACAACCAAGCTAGCTCCCTGGACCAGTTCAAGAGCAAGCTGCAAAACCTGAGCTACACTGAGA
 TCCTGAAATCCGCCAGTCTGAGAGGATGAACCAGGAAGATTTCCAGTCTCGCCGATTTTGAACATAAA
 GGAGAAGATCCAGCCAGAAATCTTAGAGCTGATTAACAGCAGCGTCTGAATCGCCTTGGAAGGGACC
 TGCTTTAGGAACTCAATGCTCGTGGAGACAAGATAAGTTTTGGTATTGTCGGCTTTCACCAAATCACA
 AGGTCTTACATTATGGTACTTGAAGAGAGCCCAAGGAGAAGTGCCCATGATTCCTGCGAGGACAA
 ATTGCCGGTGGCAGATATCAAAGCAGTGGTACGGGAAAGGACTGCCCGCATATGAAAGAGAAAGGTGCC
 CTTAAACAAAACAAGGAGGTGCTTGAACCTGCTTTCTCCATCTTATGACTCAAATGGCAACTGAATT
 TTATTGCTCCTGACAAGCATGAGTACTGCATCTGGACAGATGGGCTGAATGCACTGCTTGGGAAGGACAT
 GATGAGTGACCTGACACGAAATGACCTGGACACCCTGCTGAGCATGGAGATCAAGCTTCGCCTACTGGAC
 CTGGAAAACATCCAGATTCGGATGCACCTCCCCCATCCCCAAGGAGCCTAGCAACTATGACTTTGTTT
 ATGACTGTAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108415

Insert Size: 2184 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:	<u>NM_001108415.1, NP_001101885.1</u>
RefSeq Size:	3911 bp
RefSeq ORF:	2184 bp
Locus ID:	361251
Cytogenetics:	17q11