

Product datasheet for MC200955

Nup37 (NM_028334) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nup37 (NM_028334) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nup37
Synonyms:	2410003L22Rik; 2810039M17Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC011102 sequence for NM_028334 GCGGGCGCACGCCCGGCCACCTATGGTCAAGAGAGCCTTGCCAGGTGCGCTCCCCTGCTTTGATTTCC TGACAGGCAATAAACGGCTATTTGATTCTTACAACCTGCTCCAGCTTTGGGATACAAGATGAAGCAAGATG CTACAAGAAATGCTGCGTACACCGTGGATTGCGAAGATTATGTGCACGTGGTAGAATTTAATCCCTTTGA GAGTGGAGATTACGAAACCTGATTGCATATGGCGGCAGTAATTATGTGGTTGTTGGCATGTGTACGTTT CAGGAGGAAGAAACAGACATCGAAGGGATTCAGTATAAAACACTACGAACATTTACCATGGAGTCCGAG TTGACGGCATTGCCTGGAGCCCAGAGACCAAACCTTGACTCGTGCCTCCTGTAATCAAATTTTGTACTTC AGCTGCTGATTTGAAGATTAGATTATTTACTTCAGATCTTCAAGATAAAAATGAATATAAGGTTTTGGAG GGCCACTCAGACTTCATTAATGATCTGGTGTCCATCCCAAAGAAGGCCAGGAGCTCGCAAGCGTGAGTG ACGACCACACCTGCAGGATTTGGAACCTTGAAGGAAAGCAGACAGCTCATTTTCTTGCATTCTCCTGG AATGAGTGTATGCTGGCATCCCAGGAACTTTCAAGCTAATGGTTGCAGAGAAGATGGAACAATCCGG TTTTATGATCTAATGGCTCAGCAGGCAATTTTATCTTTCAGTCAGAACAGACACCCTTAATGTCAGCAC ACTGGTGCTTAAAAACACCTTCAAAGTTGGTGCTGTGGCAGGAAATGATTGGATTATTTGGGATATCAC TCGGTCCAGTTATCCTCAAGAAACAAGACCTGTTACATGGACCGAGCACACTTATTTAGGTGGTCGGCC ATTAGTGAACCTGTTTGAACCACTGGATATCCTGGCAAAATGGCCAGTCAGTTTCAGATTCATCATT TAGGGCACTCTCAGCCGTCCTCATTGGTCTGTAGCTGTGCGTTCTGGTCTTTCCTGGCATAGAACACT TCCACTGTGTGCAGTTGGAGGCGACCACAAGCTCTTGTCTGGGTGACAGAAATATGATTTTCTCTGTA TTTTTGATCCTTCACTTTGTATTTTATATATATTTGGAAAAATCCTTATTTTTATATCAAACATACT GTAATCTAGAAATGCCTCAGTTGTCTTTCTGATAAAATAAATGATAAAGACTACATGAAAAAAAAAAAA AAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_028334
Insert Size:	981 bp



[View online »](#)

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:	BC011102 , AAH11102
RefSeq Size:	1266 bp
RefSeq ORF:	981 bp
Locus ID:	69736
UniProt ID:	Q9CWU9
Cytogenetics:	10 C1
Gene Summary:	Component of the Nup107-160 subcomplex of the nuclear pore complex (NPC). The Nup107-160 subcomplex is required for the assembly of a functional NPC. The Nup107-160 subcomplex is also required for normal kinetochore microtubule attachment, mitotic progression and chromosome segregation (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.