

Product datasheet for MC202338

Nubp1 (NM_011955) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nubp1 (NM_011955) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nubp1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	<p>>BC055436 sequence for NM_011955</p> <pre>GAGCGCAGCCCGGCAAGAGCGGCAGCATGGAGGAGCGCCCCACGGCTGCCCGGGGCCGACAGCGCCC AGGCCGGCCGAGGAGCCTCGTGCCAGGGATGCCCAACCAGAGGCTGTGCGCATCCGGAGCCGGCGCTGC TCCGGATCCCGCTGTGGAGGAAATCAGAGAGAAGATGAAGACGGTGAGACACAAGCTCTTGGTGTCTCT GGAAAAGGCGGCGTTGGGAAAAGCACGTTCAAGTGCACACCTCGCCACCGGCTGGCGGAGGATGGAGACA CACAGGTCGCTCTTCTGGACATCGATATCTGTGGGCCATCGATTCCCAAGATCATGGGCTTAGAAGGAGA GCAGGTTACCAGAGCGGCTCCGGCTGGTCTCCAGTGTACGTGGATGACAACCTGGGGGTGATGTCGGTG GGCTTTCTGCTTAGCAGCCAGATGATGCTGTCTCTGGAGGGGACCAAGAAAATGGTATGATCAAGC AGTTCTCCGTGATGTAGACTGGGAGACGTGGACTACCTCATATAGACACCCCGCTGGCACGCTCTGA TGAACACCTCTCAGTGGTCCAGTACCTGGCTGCGGCACACATTGATGGGGCAGTGATCCTCACCACCCCT CAGGAGGTGGCCCTCCAGGATGTCGGAAAGAGATCAGTCTTCCGCAAGGTGAAGCTGCCCATATTG GTGTGGTAGAGAACATGAGCGGTTTCATCTGCCCAAGTGCAAGAAAGAGTCTCAGATCTTCCCTCCAC GACTGGGGGTGCAGAGGCCATGTGCCAGGATCTGAAGATTCCACTTCTGGGCAAAGTGCCGCTGGATCCA CACATAGGCAAGAGCTGTGACAAAGGCCAGTCTTTTTTTGTGCAAGCTCCAGATTCACCAGCCACAGCAG CCTACAGAAGTATAATTCAGAGGATCCGAGACTTTTGTAAATTCTCGTCAGTCACATGCTGAGACCCTCAT CAGTCCCTGAAGTGGAACAGGACCAAGTGCCACCTGCTAACCCAGAGTTGGCAGGCCACGTGTCCAATG GCAGGCCATTGTCTGGCAATGGGGACAGGTGGTACCATAGCCACCAGATGCTGACAGGATTTGAAGTC ACTCATTAAAGACTGTAATCACCTATCTGCCTATTTCTCGAGATCAAAGGTACGGGCGCTCTGCACTC CAGGTGCCATTCATCGGAAAATAAAAATGTCTCCTTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAA</pre>
Restriction Sites:	RsrII-NotI
ACCN:	NM_011955
Insert Size:	963 bp



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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:	BC055436 , AAH55436
RefSeq Size:	1264 bp
RefSeq ORF:	963 bp
Locus ID:	26425
UniProt ID:	Q9R060
Cytogenetics:	16 5.61 cM
Gene Summary:	Component of the cytosolic iron-sulfur (Fe/S) protein assembly (CIA) machinery. Required for maturation of extramitochondrial Fe-S proteins. The NUBP1-NUBP2 heterotetramer forms a Fe-S scaffold complex, mediating the de novo assembly of an Fe-S cluster and its transfer to target apoproteins (By similarity). Implicated in the regulation of centrosome duplication (PubMed:16638812, PubMed:23807208). Negatively regulates cilium formation and structure (PubMed:23807208).[UniProtKB/Swiss-Prot Function]