

Product datasheet for **MC201255**

Nr2e3 (NM_013708) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nr2e3 (NM_013708) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nr2e3
Synonyms:	A930035N01Rik; PNR; rd7; RNR
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	RsrII-NotI
ACCN:	NM_013708
Insert Size:	1188 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>BC017521</u> , <u>AAH17521</u>
RefSeq Size:	1640 bp
RefSeq ORF:	1188 bp



[View online »](#)

Locus ID: 23958

UniProt ID: [Q9QXZ7](#)

Cytogenetics: 9 32.35 cM

Gene Summary: Orphan nuclear receptor of retinal photoreceptor cells. Transcriptional factor that is an activator of rod development and repressor of cone development. Binds the promoter region of a number of rod- and cone-specific genes, including rhodopsin, M- and S-opsin and rod-specific phosphodiesterase beta subunit. Enhances rhodopsin expression. Represses M- and S-cone opsin expression.[UniProtKB/Swiss-Prot Function]