

Product datasheet for **SC322063**

NPTN (NM_017455) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NPTN (NM_017455) Human Untagged Clone
Tag:	Tag Free
Symbol:	NPTN
Synonyms:	GP55; GP65; np55; np65; SDFR1; SDR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Reconstitution Method:

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_017455.2](#), [NP_059429.1](#)

RefSeq Size: 2109 bp

RefSeq ORF: 849 bp

Locus ID: 27020

UniProt ID: [Q9Y639](#)

Cytogenetics: 15q24.1

Domains: ig, IGc2, IG

Protein Families: Druggable Genome, Transmembrane

Gene Summary: This gene encodes a type I transmembrane protein belonging to the Ig superfamily. The protein is believed to be involved in cell-cell interactions or cell-substrate interactions. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2009]
Transcript Variant: This variant (a), alternatively known as alpha, lacks an alternate in-frame exon, compared to variant b. The resulting isoform (a) is shorter, compared to isoform b.