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Product datasheet for SC301023

NUMB (NM_001005744) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUMB (NM_001005744) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUMB
Synonyms:	C14orf41; c14_5527; S171
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001005744 edited

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AAA

Restriction Sites: NotI-NotI

ACCN: NM_001005744

Insert Size: 3500 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).

OTI Annotation: The ORF of this clone is found to be a perfect match to NM_001005744.1.

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:	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_001005744.1, NP_001005744.1
RefSeq Size:	3503 bp
RefSeq ORF:	1812 bp
Locus ID:	8650
UniProt ID:	P49757
Cytogenetics:	14q24.2-q24.3
Protein Pathways:	Notch signaling pathway
Gene Summary:	The protein encoded by this gene plays a role in the determination of cell fates during development. The encoded protein, whose degradation is induced in a proteasome-dependent manner by MDM2, is a membrane-bound protein that has been shown to associate with EPS15, LNX1, and NOTCH1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016] Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1. Variants 2 and 5 both encode the same protein.