

Product datasheet for **RC224704L1V**

Neurobeachin (NBEA) (NM_015678) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Neurobeachin (NBEA) (NM_015678) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Neurobeachin
Synonyms:	BCL8B; LYST2; NEDEGE
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_015678
ORF Size:	8838 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224704).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_015678.3
RefSeq Size:	10812 bp
RefSeq ORF:	8841 bp
Locus ID:	26960
UniProt ID:	Q8NFP9
Cytogenetics:	13q13.3
Domains:	Beach, WD40
MW:	327.6 kDa



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Gene Summary:

This gene encodes a member of a large, diverse group of A-kinase anchor proteins that target the activity of protein kinase A to specific subcellular sites by binding to its type II regulatory subunits. Brain-specific expression and coat protein-like membrane recruitment of a highly similar protein in mouse suggest an involvement in neuronal post-Golgi membrane traffic. Mutations in this gene may be associated with a form of autism. This gene and its expression are frequently disrupted in patients with multiple myeloma. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional transcript variants may exist, but their full-length nature has not been determined.[provided by RefSeq, Feb 2011]