**OriGene Technologies, Inc.**
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

# Product datasheet for RC222932L3V

## Neuroligin 4 (NLGN4X) (NM_020742) Human Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | Neuroligin 4 (NLGN4X) (NM_020742) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | Neuroligin 4 |
| **Synonyms:** | ASPGX2; AUTSX2; HLNX; HNL4X; NLGN4 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_020742 |
| **ORF Size:** | 2448 bp |
| **ORF Nucleotide Sequence:** | `The ORF insert of this clone is exactly the same as(RC222932).` |
| **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_020742.2 |
| **RefSeq Size:** | 5706 bp |
| **RefSeq ORF:** | 2451 bp |
| **Locus ID:** | 57502 |
| **UniProt ID:** | Q8N0W4 |
| **Cytogenetics:** | Xp22.32-p22.31 |
| **Domains:** | COesterase |
| **Protein Families:** | Druggable Genome, Transmembrane |

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**Protein Pathways:** Cell adhesion molecules (CAMs)

**MW:** 91.7 kDa

**Gene Summary:** This gene encodes a member of the type-B carboxylesterase/lipase protein family. The encoded protein belongs to a family of neuronal cell surface proteins. Members of this family may act as splice site-specific ligands for beta-neurexins and may be involved in the formation and remodeling of central nervous system synapses. The encoded protein interacts with discs large homolog 4 (DLG4). Mutations in this gene have been associated with autism and Asperger syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]