

Product datasheet for **RC208405L4V**

ECEL1 (NM_004826) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | ECEL1 (NM_004826) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | ECEL1 |
| Synonyms: | DA5D; DINE; ECEX; XCE |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_004826 |
| ORF Size: | 2325 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC208405). |
| 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_004826.1 |
| RefSeq Size: | 2909 bp |
| RefSeq ORF: | 2328 bp |
| Locus ID: | 9427 |
| UniProt ID: | O95672 |
| Cytogenetics: | 2q37.1 |
| Protein Families: | Druggable Genome, Protease, Transmembrane |
| MW: | 87.8 kDa |



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Gene Summary:

This gene encodes a member of the M13 family of endopeptidases. Members of this family are zinc-containing type II integral-membrane proteins that are important regulators of neuropeptide and peptide hormone activity. Mutations in this gene are associated with autosomal recessive distal arthrogryposis, type 5D. This gene has multiple pseudogenes on chromosome 2. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014]