

## Product datasheet for **RC203393L2V**

### **XLF (NHEJ1) (NM\_024782) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	XLF (NHEJ1) (NM_024782) Human Tagged ORF Clone Lentiviral Particle
Symbol:	XLF
Synonyms:	XLF
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_024782
ORF Size:	897 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203393).
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. <a href="#">More info</a>
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:	<a href="#">NM_024782.1</a>
RefSeq Size:	2119 bp
RefSeq ORF:	900 bp
Locus ID:	79840
UniProt ID:	<a href="#">Q9H9Q4</a>
Cytogenetics:	2q35
Protein Pathways:	Non-homologous end-joining
MW:	33.3 kDa



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**Gene Summary:**

Double-strand breaks in DNA result from genotoxic stresses and are among the most damaging of DNA lesions. This gene encodes a DNA repair factor essential for the nonhomologous end-joining pathway, which preferentially mediates repair of double-stranded breaks. Mutations in this gene cause different kinds of severe combined immunodeficiency disorders. [provided by RefSeq, Jul 2008]