

Product datasheet for **RC227042L4V**

Xg blood group (XG) (NM_001141920) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Xg blood group (XG) (NM_001141920) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Xg blood group
Synonyms:	PBDX
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001141920
ORF Size:	543 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227042).
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_001141920.1 , NP_001135392.1
RefSeq Size:	2902 bp
RefSeq ORF:	546 bp
Locus ID:	7499
UniProt ID:	P55808
Cytogenetics:	Xp22.33
Protein Families:	Transmembrane
MW:	19.8 kDa



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Gene Summary:

This gene encodes the XG blood group antigen, and is located at the pseudoautosomal boundary on the short (p) arm of chromosome X. The three 5' exons reside in the pseudoautosomal region and the remaining exons within the X-specific end. A truncated copy of this gene is found on the Y chromosome at the pseudoautosomal boundary. It is transcribed, but not expected to make a Y-chromosome specific gene product. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2008]