

Product datasheet for **RC225721L4V**

CD55 (NM_001114752) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CD55 (NM_001114752) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD55
Synonyms:	CHAPLE; CR; CROM; DAF; TC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001114752
ORF Size:	1320 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225721).
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_001114752.1
RefSeq ORF:	1323 bp
Locus ID:	1604
UniProt ID:	P08174
Cytogenetics:	1q32.2
Protein Families:	Druggable Genome
Protein Pathways:	Complement and coagulation cascades, Hematopoietic cell lineage, Viral myocarditis
MW:	48.72 kDa



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Gene Summary:

This gene encodes a glycoprotein involved in the regulation of the complement cascade. Binding of the encoded protein to complement proteins accelerates their decay, thereby disrupting the cascade and preventing damage to host cells. Antigens present on this protein constitute the Cromer blood group system (CROM). Alternative splicing results in multiple transcript variants. The predominant transcript variant encodes a membrane-bound protein, but alternatively spliced transcripts may produce soluble proteins. [provided by RefSeq, Jul 2014]