

Product datasheet for **MR222960L4V**

Crhr1 (NM_007762) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Crhr1 (NM_007762) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Crhr1
Synonyms:	CRF; CRF-R; CRF1R; CRFR1; Crhr
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007762
ORF Size:	1245 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222960).
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_007762.4 , NP_031788.1
RefSeq Size:	2428 bp
RefSeq ORF:	1248 bp
Locus ID:	12921
UniProt ID:	P35347
Cytogenetics:	11 67.77 cM



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Gene Summary:

The protein encoded by this gene is a G-protein coupled receptor that binds corticotropin-releasing factor (CRH) and urocortin (UCN) with high affinity. The encoded protein upregulates adenylate cyclase activity and intracellular cAMP levels. This protein is essential for the activation of signal transduction pathways that regulate diverse physiological processes including stress, reproduction, immune response, and obesity. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]