

Product datasheet for **MR210574L4V**

Chpf (NM_001001565) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Chpf (NM_001001565) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Chpf
Synonyms:	1700028N03Rik; AI414328; D1Bwg1363e
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001001565
ORF Size:	2322 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210574).
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_001001565.2
RefSeq Size:	3250 bp
RefSeq ORF:	1839 bp
Locus ID:	74241
UniProt ID:	Q6IQX7
Cytogenetics:	1 39.14 cM



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Gene Summary:

Has both beta-1,3-glucuronic acid and beta-1,4-N-acetylgalactosamine transferase activity. Transfers glucuronic acid (GlcUA) from UDP-GlcUA and N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the non-reducing end of the elongating chondroitin polymer (By similarity). Isoform 2 may facilitate PRKN transport into the mitochondria. In collaboration with PRKN, isoform 2 may enhance cell viability and protect cells from oxidative stress (By similarity). [UniProtKB/Swiss-Prot Function]