

Product datasheet for **RC230858L4V**

CHPF (NM_001195731) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CHPF (NM_001195731) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CHPF
Synonyms:	CHSY2; CSS2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001195731
ORF Size:	1839 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230858).
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_001195731.1 , NP_001182660.1
RefSeq Size:	2657 bp
RefSeq ORF:	1842 bp
Locus ID:	79586
UniProt ID:	Q8IZ52
Cytogenetics:	2q35
Protein Families:	Druggable Genome
Protein Pathways:	Chondroitin sulfate biosynthesis, Metabolic pathways



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MW: 68.4 kDa

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. 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.[UniProtKB/Swiss-Prot Function]