

Product datasheet for RC227576

CHRD1 (NM_001143981) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: CHRD1 (NM_001143981) Human Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: CHRD1
 Synonyms: CHL; dA141H5.1; MGC1; MGCN; NRLN1; VOPT
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Restriction Sites: SgfI-MluI
 Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

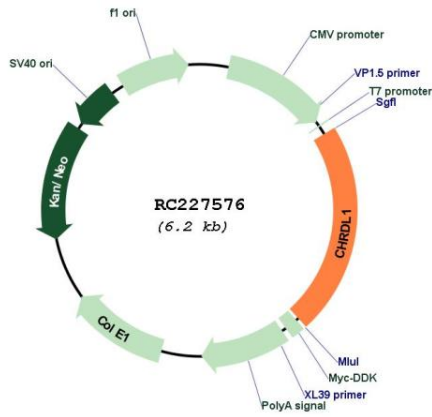
ACCN: NM_001143981
 ORF Size: 1374 bp



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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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001143981.2
RefSeq Size:	4101 bp
RefSeq ORF:	1377 bp
Locus ID:	91851
UniProt ID:	Q9BU40
Cytogenetics:	Xq23
Protein Families:	ES Cell Differentiation/IPS, Secreted Protein
MW:	52.3 kDa
Gene Summary:	This gene encodes an antagonist of bone morphogenetic protein 4. The encoded protein may play a role in topographic retinotectal projection and in the regulation of retinal angiogenesis in response to hypoxia. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jan 2009]

Product images:



Circular map for RC227576