

Product datasheet for SC316452

CECR2 (NM_031413) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	CECR2
Synonyms:	KIAA1740
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316452 representing NM_031413. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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Restriction Sites:

SgfI-MluI

ACCN:

NM_031413

Insert Size:

4455 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_031413.4</u>
RefSeq Size:	5760 bp
RefSeq ORF:	4455 bp
Locus ID:	27443
Cytogenetics:	22q11.1-q11.21
MW:	164.2 kDa
Gene Summary:	This gene encodes a bromodomain-containing protein that is involved in chromatin remodeling, and may additionally play a role in DNA damage response. The encoded protein functions as part of an ATP-dependent complex that is involved in neurulation. This gene is a candidate gene for Cat Eye Syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]