

## Recombinant Human ORC6 Protein, MYC/DDK-tagged

**Cat. No.** ORC6-290H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human ORC6 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	The origin recognition complex (ORC) is a highly conserved six subunit protein complex essential for the initiation of the DNA replication in eukaryotic cells. Studies in yeast demonstrated that ORC binds specifically to origins of replication and serves as a platform for the assembly of additional initiation factors such as Cdc6 and Mcm proteins. The protein encoded by this gene is a subunit of the ORC complex. Gene silencing studies with small interfering RNA demonstrated that this protein plays an essential role in coordinating chromosome replication and segregation with cytokinesis. [provided by RefSeq, Oct 2010]
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	27.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	origin recognition complex subunit 6 [ Homo sapiens ]
<b>Official Symbol</b>	ORC6
<b>Synonyms</b>	ORC6L
<b>Gene ID</b>	23594
<b>mRNA Refseq</b>	NM_014321.3
<b>Protein Refseq</b>	NP_055136.1
<b>MIM</b>	607213
<b>UniProt ID</b>	Q9Y5N6

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