

Recombinant Human ORC6 Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant human ORC6 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	27.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

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