antibodies

Datasheet for ABIN2727928 ORC4 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



1 Image

Overview

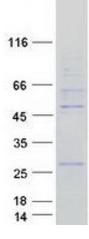
Quantity:	20 µg
Target:	ORC4
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ORC4 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human ORC4 (transcript variant 2) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	ORC4
Alternative Name:	Orc4 (ORC4 Products)
Background:	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. This gene

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Target Details	
	encodes a subunit of the ORC complex. Several alternatively spliced transcript variants, some
	of which encode the same protein, have been reported for this gene.
Molecular Weight:	50.2 kDa
NCBI Accession:	NP_002543
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot

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