OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for PH311713

ORC4L (ORC4) (NM_181742) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ORC4L MS Standard C13 and N15-labeled recombinant protein (NP_859526)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211713
Predicted MW:	50.2 kDa
Protein Sequence:	>RC211713 representing NM_181742 Red=Cloning site Green=Tags(s) MSSRKSKSNSLIHTECLSQVQRILRERFCRQSPHSNLFGVQVQYKHLSELLKRTALHGESNSVLIIGPRG SGKTMLINHALKELMEIEEVSENVLQVHLNGLLQINDKIALKEITRQLNLENVVGDKVFGSFAENLSFLL EALKKGDRTSSCPVIFILDEFDLFAHHKNQTLLYNLFDISQSAQTPIAVIGLTCRLDILELLEKRVKSRF SHRQIHLMNSFGFPQYVKIFKEQLSLPAEFPDKVFAEKWNENVQYLSEDRSVQEVLQKHFNISKNLRSLH MLLMLALNRVTASHPFMTAVDLMEASQLCSMDSKANIVHGLSVLEICLIIAMKHLNDIYEEEPFNFQMVY NEFQKFVQRKAHSVYNFEKPVVMKAFEHLQQLELIKPMERTSGNSQREYQLMKLLLDNTQIMNALQKYPN CPTDVRQWATSSLSWL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_859526
RefSeq Size:	2795
RefSeq ORF:	1308
Synonyms:	ORC4L; ORC4P

View online »

Locus ID: 5000

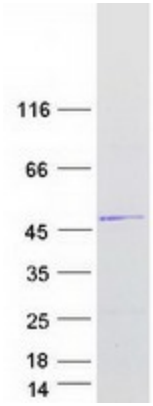
UniProt ID: O43929, Q96B14

Cytogenetics: 2q23.1

Summary: 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 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. [provided by RefSeq, Oct 2010]

Protein Pathways: Cell cycle

Product images:



Coomassie blue staining of purified ORC4 protein (Cat# [TP311713]). The protein was produced from HEK293T cells transfected with ORC4 cDNA clone (Cat# [RC211713]) using MegaTran 2.0 (Cat# [TT210002]).