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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ORC1L (Human) Recombinant Protein (Q01)

Catalog Number: H00004998-Q01

Regulation Status: For research use only (RUO)

Product Description: Human ORC1L partial ORF (AAH11539, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAHYPTRLKTRKTYSWVGRPLLDRKLHYQTYREMCV
KTEGCSTEIHQIQGFVLEGGDDDENPYVAKLLELFEDD
SDPPPKKRARVQWFVRFCEVPACKRHLLGRKPGAQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 37.73

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4998

Gene Symbol: ORC1L

Gene Alias: HSORC1, ORC1, PARC1

Gene Summary: The origin recognition complex (ORC) is a highly conserved six subunits 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 the largest subunit of the ORC complex. While other ORC subunits are stable throughout the cell cycle, the levels of this protein vary during the cell cycle, which has been shown to be controlled by ubiquitin-mediated proteolysis after initiation of DNA replication. This protein is found to be selectively phosphorylated during mitosis. It is also reported to interact with MYST histone acetyltransferase 2 (MyST2/HBO1), a protein involved in control of transcription silencing. [provided by RefSeq]