Full-Length

ORC5L (Human) Recombinant Protein (P01)

Catalog # H00005001-P01 Size 50 ug

Specification

Product Description	Human ORC5L full-length ORF (BAG36362.1, 1 a.a. - 435 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPHLENVVLCRESQVSILQSLFGERHHFSFPSIFIYGHTASGKTYVTQTLLKTLELPHVFVNCVECF TLRLLLEQILNKLNHLSSSEDGCSTEITCETFNDFVRLFKQVTTAENLKDQTVYIVLDKAEYLRDME ANLLPGFLRLQELADRNVTVLFLSEIVWEKFRPNTGCFEPFVLYFPDYSIGNLQKILSHDHPPEYSA DFYAAYINILLGVFYTVCRDLKELRHLAVLNFPKYCEPVVKGEASERDTRKLWRNIEPHLKKAMQT VYLREISSSQWEKLQKDDTDPGQLKGLSAHTHVELPYYSKFILIAAYLASYNPARTDKRFFLKHHGK IKKTNFLKKHEKTSNHLLGPKPFPLDRLLAILYSIVDSRVAPTANIFSQITSLVTLQLLTLVGHDDQLD GPKYKCTVSLDFIRAIARTVNFDIIKYLYDFL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	74.25
Interspecies Antigen Sequence	Mouse (94); Rat (93)
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

- Antibody Production
- Protein Array

Gene Info — ORC5L

Entrez GeneID	5001
GeneBank Accession#	AK313596.1
Protein Accession#	BAG36362.1
Gene Name	ORC5L
Gene Alias	ORC5, ORC5P, ORC5T
Gene Description	origin recognition complex, subunit 5-like (yeast)
Omim ID	602331
Gene Ontology	Hyperlink
Gene 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. The protein encoded by this gene is a subunit of the ORC complex. It has been shown to form a core complex with ORC2L, -3L, and 4L. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq
Other Designations	origin recognition complex subunit 5

Pathway

- Cell cycle

Disease

- Celiac Disease
- Genetic Predisposition to Disease
- Narcolepsy