



Recombinant Human Origin recognition complex subunit 3 (ORC3)

Product Code	CSB-MP866199HU
Abbreviation	ORC3
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9UBD5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MATSSMSKGC FVFKPNSKKR KISLPIEDYF NKGKNEPEDS KLRFETYQLI WQQMKSENER LQEELNKNLF DNLIEFLQKS HSGFQKNSRD LGGQIKLREI PTAALVLGVN VTDHDLTFGS LTEALQNNVT PYVVS LQAKD CPDMKHFLQK LISQLMDCCV DIKSKEEESV HVTQRKTHYS MDSLSSWYMT VTQKTDPKML SKKRTTSSQW QSPPVVILK DMESFATKVL QDFIISSQH LHEFPLILF GIATSPIIIH RLLPHAVSSL LCIELFQSLS CKEHLTTVLD KLLTTQFPF KINEKVLQVL TNIFLYHDFS VQNFIKGLQL SLLEHFYSQP LSVLCCNLPE AKRRINFLSN NQCENIRRLP SFRRYVEKQA SEKQVALLTN ERYLKEETQL LLENLHVYHM NYFLVLRCLH KFTSSLPKYP LGRQIRELYC TCLEKNIWDS EEYASVLQLL RMLAKDELMT ILEKCFKVFK SYCENHLGST AKRIEEFLAQ FQSLDETKEE EDASGSQPKG LQKTDLYHLQ KSLLEMKELR RSKKQTKFEV LRENVNFID CLVREYLLPP ETQPLHEVVY FSAHALREH LNAAPRIALH TALNNPYYYL KNEALKSEEG CIPNIAPDIC IAYKLHLECS RLINLVDWSE AFATVVTAEE KMDANSATSE EMNEIIHARF IRAVSELELL GFIKPTKQKT DHVARLTWGG C
Source	Mammalian cell
Target Names	ORC3
Protein Names	Recommended name: Origin recognition complex subunit 3 Alternative name(s): Origin recognition complex subunit Latheo
Expression Region	1-711
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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. This protein is a subunit of the ORC complex. Studies of a similar gene in *Drosophila* suggested a possible role of this protein in neuronal proliferation and olfactory memory. Alternatively spliced transcript variants encoding distinct isoforms have been reported for this gene.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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