

# Isocitrate lyase (ICL), Recombinant Protein

Cat      *RP00245*

Size      0.5 mg (*E-Coli*)/ 0.05 mg (*Baculovirus*)/ 0.5 mg (*Yeast*)/ 0.05 mg  
(*Mammalian-Cell*)/ 1 mg (*E-Coli*)/ 0.1 mg (*Baculovirus*)/ 1 mg  
(*Yeast*)/ 0.1 mg (*Mammalian-Cell*)

## Species

*Arabidopsis thaliana* (Mouse-ear cress)

## Full Product Name

Recombinant *Arabidopsis thaliana* Isocitrate lyase (ICL) , partial

## Product Gene Name

ICL recombinant protein

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

*E Coli* or *Yeast* or *Baculovirus* or *Mammalian Cell*

## Molecular Weight

64,245 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

## Protein Family

Isocitrate lyase

## NCBI Accession #

NP\_188809.2

## NCBI GI #

30686361

## NCBI GenBank Nucleotide #

NM\_113067.4

## NCBI GeneID

821726

## NCBI Official Full Name

isocitrate lyase

## NCBI Official Symbol

ICL

## NCBI Official Synonym Symbols

isocitrate lyase

## NCBI Protein Information

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

# Isocitrate lyase (ICL), Recombinant Protein

Cat      *RP00245*

Size      0.5 mg (*E-Coli*)/ 0.05 mg (*Baculovirus*)/ 0.5 mg (*Yeast*)/ 0.05 mg  
(*Mammalian-Cell*)/ 1 mg (*E-Coli*)/ 0.1 mg (*Baculovirus*)/ 1 mg  
(*Yeast*)/ 0.1 mg (*Mammalian-Cell*)

## NCBI Summary

Encodes a glyoxylate cycle enzyme isocitrate lyase (ICL).

## UniProt Gene Name

ICL

## UniProt Synonym Gene Names

ICL

## UniProt Protein Name

Isocitrate lyase

## UniProt Synonym Protein Names

IsocitrasedCurated; IsocitratesysaseCurated

## UniProt Primary Accession #

P28297

## UniProt Secondary Accession #

Q41948; Q9LSZ2

## UniProt Related Accession #

P28297

## UniProt Comments

Involved in storage lipid mobilization during the growth of higher plant seedling.

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