

Recombinant Rabbit Calreticulin

Cat. No. CALR-2073R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit Calreticulin is produced in E. coli.
Species	Rabbit
Source	E.coli
Description	Calreticulin is a multifunctional protein that binds Ca ²⁺ ions (a second messenger in signal transduction), rendering it inactive. The Ca ²⁺ is bound with low affinity, but high capacity, and can be released on a signal (see inositol triphosphate). Calreticulin is located in storage compartments associated with the endoplasmic reticulum. Calreticulin is also known as calregulin, CRP55, CaBP3 and calsequestrin-like protein.
Concentration	1.2mg/ml.
Formulation	Liquid. In 100mM HEPES, pH 7.5, containing 150mM NaCl and 5mM CaCl ₂ .
Purity	≥99%.
Storage	-80°C. Avoid freeze/thaw cycles. Short term storage: +4°C.

GENE INFORMATION

Gene Name	CALR calreticulin [<i>Oryctolagus cuniculus</i>]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	CALR; calreticulin; CRP55; ERp60; calregulin; endoplasmic reticulum resident protein 60; calregulin
Gene ID	100009050
mRNA Refseq	NM_001082235
Protein Refseq	NP_001075704
UniProt ID	P15253
PDB rendering based on 1hhn.	

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