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Calreticulin, human recombinant protein

CRP55; Calregulin; Endoplasmic Reticulum Resident Protein 60; ERp60; grp60
Catalog # PBV11179r

Specification

Calreticulin, human recombinant protein - Product info

Primary Accession	P27797
Calculated MW	~55.0 kDa. Human calreticulin (aa 18-417) is fused at the C-terminus to a His-tag. KDa

Calreticulin, human recombinant protein - Additional Info

Gene ID	811
Gene Symbol	CALR

Other Names
CRP55; Calregulin; Endoplasmic Reticulum Resident Protein 60; ERp60; grp60

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes

Target/Specificity
Calreticulin

Format
Liquid

Storage
-20°C; 0.2 µm-filtered solution in 55 mM Tris-Cl, pH 8.2, containing 150 mM NaCl.

Calreticulin, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Calreticulin, human recombinant protein - Images

Calreticulin, human recombinant protein - Background

Calreticulin is involved in regulation of intracellular Ca2+ homoeostasis and ER Ca2+ capacity. It

constitutes together with calnexin and ERp57 the ‘calreticulin/calnexin cycle’ that is responsible for folding and quality control of newly synthesized glycoproteins. Calreticulin has been implicated to play a role in many biological systems, including functions inside and outside the ER, indicating that the protein is a multi-process molecule. Recently, Calreticulin was shown to enhance the merger of macrophages and tumor cells, increasing phagocytosis.

Calreticulin, human recombinant protein - References

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