

Recombinant Human CALR, Fc tagged

Cat. No. CALR-8593H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CALR (P27797) (Met1-Ala413), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	Met1-Ala413
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CALR/Fc is a disulfide-linked homodimer. The reduced monomer comprises 637 amino acids and has a predicted molecular mass of 73 kDa. The apparent molecular mass of the protein is approximately 96 and 38 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE. > 90 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [CALR calreticulin \[Homo sapiens \]](#)

Official Symbol [CALR](#)

Synonyms CALR; calreticulin; autoantigen Ro; cC1qR; CRT; FLJ26680; RO; Sicca syndrome antigen A (autoantigen Ro; calreticulin); SSA; CRP55; ERp60; HACBP; grp60; calregulin; endoplasmic reticulum resident protein 60; Sicca syndrome antigen A (autoantigen Ro; calreticulin);

Gene ID [811](#)

mRNA Refseq [NM_004343](#)

Protein Refseq [NP_004334](#)

MIM [109091](#)

UniProt ID [P27797](#)

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