Recombinant Human CALR protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CALR protein(P27797) (Met1-Ala413) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-413 aa
Form	Lyophilized from sterile PBS, pH 7.4.
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 of the protein as determined by the LAL method
Purity	(75.9+20.5) % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

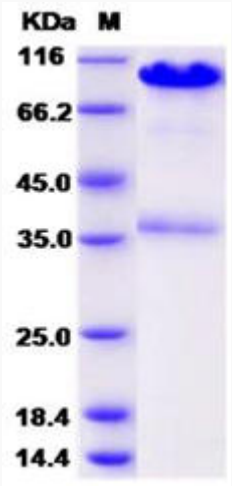
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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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SDS-PAGE	

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