

## Recombinant Human CALR protein, GST-tagged

Cat. No. CALR-301231H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CALR (248-417 aa) protein, fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Lys248-Leu417
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>AA Sequence</b>	KKPEDWDEEMDGEWEPPVIQNPEYKGEWKPRQIDNPDYKGTWIHPEIDNPEYSPD PSIYAYDNFGVGLDLWQVKSGTIFDNFLITNDEAYAEFFGNETWGVTKAAEKQMKD KQDEEQRLKEEEEEDKKRKEEEEAEDKEDDEDKDEDEEDEDKEEDEEEDVPGQAK DEL
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Stability</b>	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## 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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