

Recombinant Human CALR protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CALR (248-417 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys248-Leu417
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	KKPEDWDEEMDGEWEPPVIQNPEYKGEWKPRQIDNPDYKGTWIHPEIDNPEYSPD PSIYAYDNFGVLGLDLWQVKSGTIFDNFLITNDEAYAEFFGNETWGVTKAAEKQMKD KQDEEQRLKEEEEEDKKRKEEEEAEDKEDDEDKDEDEEDEEDKEEDEEEEDVPGQAK DEL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	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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