

Recombinant Human CALR protein, GST-tagged

Cat. No. CALR-2625H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CALR protein(P27797)(18-417aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	18-417aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	73.5 kDa
AA Sequence	EPAVYFKEQFLDGDGWTSRWIESKHKSDFGKFVLSSGKFYGDEEKDKGLQTSQDA RFYALSASFEPFSNKGQTLVVQFTVKHEQNIDCGGGYVKLFPNSLDQTDMHGDSEY NIMFGPDICGPGTKKVHVIFNYKGKNVLINKDIRCKDDEFTHLYTLIVRPDNTYEVKID NSQVESGSLEDDWDFLPPKKIKDPDASKPEDWDERAKIDDPTDSKPEDWDKPEHIP DPDAKKPEDWDEEMDGEWEPPVIQNPEYKGEWKPRQIDNPDYKGTWIHPEIDNPE YSPDPSIYAYDNFGVLGLDLWQVKS GTIFDNFLITNDEAYAE EFGNETWGVTKAAEK QMKDKQDEEQRLKEEEEEDKKRKEEEEAEDKEDDEDKDEDEEDEDKEEDEEEDV GQAKDEL

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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