

## Recombinant Human CALR protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CALR protein(P27797)(18-417aa), fused to N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	18-417aa
<b>Form</b>	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.
<b>Molecular Mass</b>	73.5 kDa
<b>AA Sequence</b>	EPAVYFKEQFLDGDGWTSRWIESKHKSDFGKFVLSGKFYGDEEKDKGLQTSQDA RFYALSASFEPFSNKGQTLVVQFTVKHEQNIDCGGGYVKLFPNSLDQTDMHGDSEY NIMFGPDICGPGTKKVHVIFNYKGNVLINKDIRCKDDEFTHLYTLVIRPDNTYEVKID NSQVESGSLEDDWDFLPPKKIKDPDASKPEDWDERAKIDDPTDSKPEDWDKPEHIP DPDAKKPEDWDEEMDGEWEPPVIQNPEYKGEWKPRQIDNPDYKGTWIHPEIDNPE YSPDPSIYAYDNFGVLGLDLWQVKSGTIFDNFLITNDEAYAEFGNETWGVTKAAEK QMMDKQDEEQRLKEEEEDKKRKEEEEAEDKEDDEDKDEDEEEDKEEDEEEDV GQAKDEL

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<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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

<b>Gene Name</b>	CALR calreticulin [ Homo sapiens ]
<b>Official Symbol</b>	CALR
<b>Synonyms</b>	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);
<b>Gene ID</b>	811
<b>mRNA Refseq</b>	NM_004343
<b>Protein Refseq</b>	NP_004334
<b>MIM</b>	109091
<b>UniProt ID</b>	P27797

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