

Recombinant Human CALR3 protein

Cat. No. CALR3-271H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CALR3(Thr20-Leu384) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr20-Leu384
Form	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.
AA Sequence	MTVYFQEEFLDGEHWRNRWLQSTNDSRFGHFRLSSGKFYGHKEKDKGLQTTQNG RFYAISARFKP FSNKGKTLVIQYTVKHEQKMDCGGGYIKVFPADIDQKNLNGKSQYY IMFGPDICGFDIKKVHVIL HFKNKYHENKKLIRCKVDGFTHLTYLILRPDLSYDVKIDG QSIESGSIEYDWNLTSLKKETSPAE SKDWEQTKDNKAQDWEKHFLDASTSKQSDW NGDLGDGWPAPMLQKPPYQDGLKPEGIHKDVWLHR KMKNTDYLTQYDLSEFENIG AIGLELWQVRSGTIFDNFLITDDEEYADNFGKATWGETKGPEREM DAIQAKEEMKK AREEEEEELLSGKINRHEHYFNQFHRRNEL
Endotoxin	Less than 0.1 ng/g (1 IEU/g) as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at < -20 centigrade, though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7 centigrade for 2-7 days.Aliquots of reconstituted samples are stable at < -20

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centigrade for 3 months.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Shipping

The product is shipped at ambient temperature.

GENE INFORMATION

Gene Name [CALR3 calreticulin 3 \[Homo sapiens \]](#)

Official Symbol [CALR3](#)

Synonyms CALR3; calreticulin 3; calreticulin-3; calsperin; cancer/testis antigen 93; CRT2; CT93; FLJ25355; MGC26577; calreticulin-2; CMH19;

Gene ID [125972](#)

mRNA Refseq [NM_145046](#)

Protein Refseq [NP_659483](#)

MIM [611414](#)

UniProt ID [Q96L12](#)

Chromosome Location 19p13.11

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Function

calcium ion binding; sugar binding; unfolded protein binding;

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