

Recombinant Mouse Calr3 Protein, Myc/DDK-tagged

Cat. No. Calr3-1941M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length calreticulin 3 (Calr3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	CALR3 capacity for calcium-binding may be absent or much lower than that of CALR. During spermatogenesis, may act as a lectin-independent chaperone for specific client proteins such as ADAM3. Required for sperm fertility.
Molecular Mass	44.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Calr3 calreticulin 3 [Mus musculus (house mouse)]
Official Symbol	Calr3
Synonyms	CALR3; calreticulin 3; calreticulin-3; calsperin; calspeculin; calreticulin-2; Crt2; cspn; 1700031L01Rik; 6330586I20Rik
Gene ID	73316
mRNA Refseq	NM_028500
Protein Refseq	NP_082776
UniProt ID	Q9D9Q6

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