9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CALR3 Human

Calreticulin 3 Human Recombinant
RCP0326

Product Overview

Name	CALR3 Human
Description	
Calreticulin 3 Human Recombinant	
Accession (Primary)	Q96L12
Synonyms	
CRT2, FLJ25355, MGC26577, Calreticulin-3, Calreticulin-2, Calsperin, CALR3.	
Introduction	
Calreticulin 3 (CALR3) belongs to the calreticulin (CRT) family which consists of calcium binding chaperones that are localized to the endoplasmic reticulum or sarcoplasmic reticulum in eukaryotes. CALR3, which is expressed mainly in testis, takes part in protein-folding, oligomeric assembly and quality control in the ER. CALR3 plays an important role as a cancer-testis antigen due to its frequent expression in many cancers.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CALR3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea, and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MTVYFQEEFL DGEHWRNRWL QSTNDSRFGH FRLSSGKFYG HKEKDKGLQT TQNGRFYAIS ARFKPFSNKG KTLVIQYTVK HEQKMDCGGG YIKVFPADID QKNLNGKSQY YIMFGPDICG FDIKKVHVIL HFKNKYHENK KLIRCKVDGF THLYTLILRP DLSYDVKIDG QSIESGSIEY DWNLTSLKKE TSPAESKDWE QTKDNKAQDW EKHFLDASTS KQSDWNGDLD GDWPAPMLQK PPYQDGLKPE GIHKDVWLHR KMKNTDYLTQ YDLSEFENIG AIGLELWQVR SGTIFDNFLI TDDEEYADNF GKATWGETKG PEREMDAIQA KEEMKKAREE EEEELLSGKI	

NRHEHYFNQF HRRNEL.

Precautions

CALR3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96L12)