

## Calreticulin Human Recombinant

<b>Item Number</b>	rAP-2940
<b>Synonyms</b>	cC1qR, CRT, FLJ26680, RO, SSA, CRP55, Calreticulin, ERp60, CRTC, CALR.
<b>Description</b>	CALR Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 421 amino acids (18-417 a.a.) and having a molecular mass of 48.7 kDa. CALR protein is fused to a 21 amino acid His-Tag at N-terminus and purified by standard chromatography.
<b>Uniprot Accession Number</b>	P27797
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MEPAVYFKEQ FLDGDGWTSR WIESKHKSD F GKFLSSGKF YG- DEEKDKGL QTSQDARFYA LSASFEPFSN KGQTLVVQFT VKHEQNIDCG GGYVKLFPNS LDQTDMHGDS EYNIMFGPDI CGPGTKKVHV IFNYKGKNVL INKDIRCKDD EFTHLYTLIV RPDNTYEVKI DNSQVESGSL EDDWDFLPPK KIKDPDASKP EDWDERAKID DPTDSKPEDW DKPEHIPDPD AKKPED- WDEE MDGEWEPPVI QNPEYKGEWK PRQIDNPDYK GTWIHPEIDN PEYSPDPSIY AYDNFGVLGL DLWQVKSGTI FDNFLITNDE AYAEFGNET WGVTKAAEKQ MKDKQDEEQR LKEEEEDKKR KEEEE-
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. 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.
<b>Formulation and Purity</b>	CALR Human solution containing 20mM Tris-HCl pH-8, 1mM DTT, 0.1M NaCl and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**