



# Recombinant *Cricetulus griseus* Calreticulin (CALR)

<b>Product Code</b>	CSB-EP004458DXU
<b>Abbreviation</b>	CALR
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q8K3H7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Cricetulus griseus</i> (Chinese hamster) ( <i>Cricetulus barabensis griseus</i> )
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	EPA VYFKEQFLDG DDWTNRWVES KHKSDFGK FV LSSGKFYGDQ EKDKGLQTSQ DARFYALSAR FEPFSNKGQT LVVQFTVKHE QNIDCGGGYV KLFPGSLDQK DMHGDSEYNI MFGPDICGPG TKKVHVIFNY KGKNVLINKD IRCKDDEFTH LYTLIVRPDN TYEVKIDNSQ VESGSLEDDW DFLPPKKIKD PDAAKPEDWD ERAKIDDPTD SKPEDWDKPE HIPDPDAKKP EDWDEEMDGE WEPPVIQNPE YKGEWKPRQI DNPDYKGTWI HPEIDNPEYS PDANIYAYDS FAVLGLDLWQ VKSGTIFDNF LITNDEAYAE EFGNETWGVT KASEKQMKDK QDEEQRLKEE EEDKKRKEEE EAEDKEDEDD RDEDEEDEDE KEEDEEDTTP GQTKDEL
<b>Source</b>	E.coli
<b>Target Names</b>	CALR
<b>Protein Names</b>	Recommended name: Calreticulin Alternative name(s): CRP55 Calregulin Endoplasmic reticulum resident protein 60 Short name= ERp60 HACBP
<b>Expression Region</b>	18-417
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.