Calreticulin (LOC8269812) Ricinus Communis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Calreticulin (LOC8269812), Recombinant Protein
Full Product Name	Recombinant Ricinus communis Calreticulin
Product Gene Name	LOC8269812 recombinant protein
Sequence	EVFFEERFED GWENRWVKSD WKKDENTAGE WNYTSGKWNG DPNDKGIQTS EDYRFYAISA EFPEFSNKDK TLVFQFSVKH EQKLDCGGGY MKLLSSSTDQ KKFGGDTPYS IMFGPDICGY STKKVHAILN YNDTNHLIKK EVPCETDQLT HVYTLVIRPD ATYSILIDNV EKQTGSLYTD WDLLPPKKIK DPEAKKPEDW DEKEYIPDPE DKKPEGYDDI PKEIPDPDAK KPEDWDDEED GEWTAPTIAN PEYKGPWKPK KIKNPNYKGK WKAPMIDNPD FKDDPEIYVY PNLKYVGIEL WQVKSGTLFD NVLICNDPEY AKQLAEETWG KNKDAEKAAF EEAEKKKEEE ESKDDPADSD ADEDDDDADD TEGEDDGESK SDAAEDSAED VHDEL
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	47,522 Da
Sequence Positions	21-415, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P93508
Species	Ricinus communis (Castor bean)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LOC8269812 recombinant protein	MBS1115963 is a recombinant protein targeting LOC8269812. Also known as Recombinant Ricinus communis Calreticulin. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LOC8269812 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LOC8269812. It may not necessarily be applicable to this product.

NCBI GI #	1021312124
NCBI GeneID	8269812
NCBI Accession #	NP_001310652.1
UniProt Primary Accession #	P93508
UniProt Related Accession #	P93508

GenBank Nucleotide #	NM_001323723.1
NCBI Official Full Name	calreticulin
NCBI Official Symbol	LOC8269812
UniProt Protein Name	Calreticulin
Protein Family	Calreticulin
NCBI Protein Information	calreticulin
UniProt Comments for LOC8269812	Molecular calcium-binding chaperone promoting folding, oligomeric assembly and quality control in the ER via the calreticulin/calnexin cycle. This lectin may interact transiently with almost all of the monoglucosylated glycoproteins that are synthesized in the ER ().
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Online datasheet: https://www.mybiosource.com/recombinant-protein/calreticulin/1115963