Cell Growth Regulator with Ef Hand Domain Protein 1 (CGREF1) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cell growth regulator with EF hand domain protein 1 (CGREF1), Recombinant Protein
Full Product Name	Recombinant Human Cell growth regulator with EF hand domain protein 1 (CGREF1)
Product Gene Name	CGREF1 recombinant protein
Product Synonym Gene Name	CGREF1
Sequence	APKDGVTRPD SEVQHQLLPN PFQPGQEQLG LLQSYLKGLG RTEVQLEHLS REQVLLYLFA LHDYDQSGQL DGLELLSMLT AALAPGAANS PTTNPVILIV DKVLETQDLN GDGLMTPAEL INFPGVALRH VEPGEPLAPS PQEPQAVGRQ SLLAKSPLRQ ETQEAPGPRE EAKGQVEARR ESLDPVQEPG GQAEADGDVP GPRGEAEGQA EAKGDAPGPR GEAGGQAEAE GDAPGPRGEA GGQAEARENG EEAKELPGET LESKNTQNDF EVHIVQVEND EI
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	47,064 Da
Sequence Positions	20-301, 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.
OMIM	606137
3D Structure	ModBase 3D Structure for Q99674
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CGREF1 recombinant protein	MBS1338955 is a recombinant protein targeting CGREF1. Also known as Recombinant Human Cell growth regulator with EF hand domain protein 1 (CGREF1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CGREF1 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 CGREF1. It may not necessarily be applicable to this product.

NCBI GI #	261278348
NCBI GeneID	10669
NCBI Accession #	NP_001159711.1

UniProt Primary Accession #	Q99674
UniProt Secondary Accession #	Q8N4B7; A6NHV7; B4DXY8; B5MCB7; B5MCC9; B5MCP5; E7EU99
UniProt Related Accession #	Q99674
GenBank Nucleotide #	NM_001166239.1
NCBI Official Full Name	cell growth regulator with EF hand domain protein 1 isoform a
NCBI Official Synonym Full Names	cell growth regulator with EF-hand domain 1
NCBI Official Symbol	CGREF1
NCBI Official Synonym Symbols	CGR11
UniProt Protein Name	Cell growth regulator with EF hand domain protein 1
UniProt Synonym Protein Names	Cell growth regulatory gene 11 protein; Hydrophobestin
Protein Family	Cell growth regulator with EF hand domain protein
UniProt Gene Name	CGREF1
UniProt Synonym Gene Names	CGR11
NCBI Protein Information	cell growth regulator with EF hand domain protein 1
UniProt Comments for CGREF1	Mediates cell-cell adhesion in a calcium-dependent manner (). Able to inhibit growth in several cell lines.
Research Articles on CGREF1	**1.** Results clearly indicated that CGREF1 is a novel secretory protein, and plays an important role in regulation of AP-1 transcriptional activity and cell proliferation.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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