Cation Transport Regulator-Like Protein 2 (chac2) Chicken Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cation transport regulator-like protein 2 (chac2), Recombinant Protein
Full Product Name	Recombinant Chicken Cation transport regulator-like protein 2 (chac2)
Product Gene Name	chac2 recombinant protein
Product Synonym Gene Name	chac2
Sequence	MWVFGYGSLI WKVDFPYQEK MVGRIRGYSR RFWQGSTDHR GVPGKPGRVV TLVEDPEGCV WGVAYRLPAG QECEVKAYLD FREKGGYRTT TVVFYPKDSS IKPFDVLLYI GTRDNPNYLG PAPLQEIAEQ IIDAVGPSGR NTEYLFELAN SMRNLVPEDV DEHLFSLEET SKGTPGKRTK PKLPLE
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	21,094 Da
Sequence Positions	1-186, 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 Q5ZI66
Species	Chicken
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for chac2 recombinant protein	MBS1343779 is a recombinant protein targeting chac2. Also known as Recombinant Chicken Cation transport regulator-like protein 2 (chac2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of chac2 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 chac2. It may not necessarily be applicable to this product.

NCBI GI #	82081007
NCBI Accession #	Q5ZI66.1
UniProt Primary Accession #	Q5ZI66
NCBI Official Full Name	Putative glutathione-specific gamma-glutamylcyclotransferase 2
UniProt Protein Name	Putative glutathione-specific gamma-glutamylcyclotransferase 2
UniProt Synonym Protein Names	Cation transport regulator-like protein 2

Protein Family	Putative glutathione-specific gamma-glutamylcyclotransferase
UniProt Gene Name	chac2
UniProt Synonym Gene Names	Gamma-GCG 2
UniProt Comments for chac2	Catalyzes the cleavage of glutathione into 5-oxo-L-proline and a Cys-Gly dipeptide. Acts specifically on glutathione, but not on other gamma-glutamyl peptides.
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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