Growth-Regulated Protein Homolog Alpha (GRO1) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Growth-regulated protein homolog alpha (GRO1), Recombinant Protein
Full Product Name	Recombinant Bovine Growth-regulated protein homolog alpha
Product Gene Name	GRO1 recombinant protein
Sequence	GAPVVNELRC QCLQTLQGIH LKNIQSVKVT TPGPHCDQTE VIASLKTGQE VCLNPTAPMV KKIIDKMLNK ASAN
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	10,984 Da
Sequence Positions	31-104, 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 O46676
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GRO1 recombinant protein	MBS1226162 is a recombinant protein targeting GRO1. Also known as Recombinant Bovine Growth-regulated protein homolog alpha. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GRO1 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 GRO1. It may not necessarily be applicable to this product.

NCBI GI #	28849923
NCBI GeneID	281212
NCBI Accession #	NP_783631.1
UniProt Primary Accession #	O46676
UniProt Related Accession #	O46676
GenBank Nucleotide #	NM_175700.1
NCBI Official Full Name	growth-regulated protein homolog alpha
NCBI Official Symbol	GRO1

NCBI Official Synonym Symbols	GRO2; GROB; GROX; MGSA; CXCL1
UniProt Protein Name	Growth-regulated protein homolog alpha
Protein Family	Protein groucho
UniProt Gene Name	GRO-alpha
UniProt Synonym Gene Names	GRO-alpha
NCBI Protein Information	growth-regulated protein homolog alpha
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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