GRO Beta, Aa35-107 (GRO) Recombinant Protein

PRODUCT OVERVIEW

Product Name	GRO beta, aa35-107, Recombinant Protein
Full Product Name	GRO beta, aa35-107, Recombinant, Human (CXCL2, MIP-2, Macrophage Inflammatory Protein 2)
Sequence	MGSSHHHHHH SSGLVPRGSH MAPLATELRC QCLQTLQGIH LKNIQSVKVK SPGPHCAQTE VIATLKNGQK ACLNPASPMV KKIIEKMLKN GKSN
Form/Format	Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0.
Purity/Purification	Highly Purified 95% by SDS-PAGE
Preparation and Storage	May be stored at 4 degree C for short-term only. For long-term storage, aliquot and store at -20 degree C. Aliquots are stable for at least 6 months at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.
Molecular Weight	10.1kD
Product Categories/Family for GRO beta, aa35-107 recombinant protein	Growth Factors; Cytokines; Growth Factors-GRO
Related Product Information for GRO beta, aa35-107 recombinant protein	CXCL2 is a small cytokine belonging to the CXC chemokine family that is also known as Chemokine (C-X-C motif) ligand 2, and macrophage inflammatory protein 2-alpha (MIP2-alpha). CXCL2 is secreted by activated monocytes, neutrophils and macrophages and expressed at sites of inflammation. CXCL2 is chemotactic for polymorphonuclear leukocytes and hematopoietic stem cells and suppresses hematopoietic progenitor cell proliferation.
Other Notes	Small volumes of GRO beta, aa35-107 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.
Searchable Terms for GRO beta, aa35-107 purchase	MBS636177 is a recombinant protein targeting GRO beta, aa35-107. Also known as GRO beta, aa35-107, Recombinant, Human (CXCL2, MIP-2, Macrophage Inflammatory Protein 2).

SDS-Page of GRO beta, aa35-107 recombinant protein
15% SDS-PAGE (3ug)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GRO beta, aa35-107. It may not necessarily be applicable to this product.

NCBI GI #	30023530

NCBI Accession #	AAP13104.1
NCBI Official Full Name	GRO-beta
NCBI Summary for GRO beta, aa35-107	This antimicrobial gene is part of a chemokine superfamily that encodes secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CXC subfamily, is expressed at sites of inflammation and may suppress hematopoietic progenitor cell proliferation. [provided by RefSeq, Sep 2014]
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/gro-beta-aa35-107/636177