Maestro (MRO) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	maestro (MRO), ELISA Kit
Full Product Name	Mouse Protein maestro, MRO ELISA Kit
Product Gene Name	MRO elisa kit
Product Synonym Names	Mouse Protein maestro (MRO) ELISA kit; B29; C18orf3; FLJ30140; OTTHUMP00000163544; beside the Ma29 deletion; maestro
Species Reactivity	Mouse
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	28,567 Da
3D Structure	ModBase 3D Structure for Q7TNB4
Related Product Information for MRO elisa kit	MBS9335370 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the maestro (MRO) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing MRO. The ELISA analytical biochemical technique of the MBS9335370 kit is based on MRO antibody-MRO antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect MRO antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, MRO. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of MRO elisa kit 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 MRO. It may not necessarily be applicable to this product.

NCBI GI #	89274177
NCBI GeneID	71263
NCBI Accession #	NP_082017.2
UniProt Primary Accession #	Q7TNB4
UniProt Secondary Accession #	Q9D3T8
UniProt Related Accession #	Q7TNB4
GenBank Nucleotide #	NM_027741.2
NCBI Official Full Name	protein maestro
NCBI Official Synonym Full Names	maestro
NCBI Official Symbol	Mro
NCBI Official Synonym Symbols	4930507C04Rik; 4933435E20Rik
UniProt Protein Name	Protein maestro
UniProt Synonym Protein Names	Male-specific transcription in the developing reproductive organs

Protein Family	Protein maestro
UniProt Gene Name	Mro
UniProt Entry Name	MSTRO_MOUSE
NCBI Protein Information	protein maestro; male-specific transcription in the developing reproductive organs
UniProt Comments for MRO	maestro: This gene is specifically transcribed in males before and after differentiation of testis, and the encoded protein may play an important role in a mammalian sex determination. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008] Protein type: Nucleolus; Unknown function Cellular Component: nucleolus; nucleus
Research Articles on MRO	**1.** Maestro is dispensable for normal male sexual development and fertility in laboratory mice
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/mro-mouse-elisa-kits/maestro/9335370