FGF-23 Mouse, Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	FGF-23, Recombinant Protein
Full Product Name	Mouse, Rat FGF-23 Recombinant Protein Lyophilized
Product Gene Name	FGF-23 recombinant protein
Product Synonym Gene Name	Fgf23
Host	E Coli
Form/Format	Lyophilized
Purity/Purification	>95% by SDS-PAGE gel and HPLC analyses.
Preparation and Storage	The recombinant protein is stable for at least 2 years from date of receipt at -20 degree C. Reconstituted protein is stable for at least 3 months when stored in working aliquots with a carrier protein at -20 degree C. As with any protein, exposing the recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.
Species	Mouse, Rat
Related Product Information for FGF-23 recombinant protein	Mouse, Rat FGF-23 Recombinant Protein Lyophilized has been recombinantly produced in E Coli. The FGF family plays a central role during prenatal development, postnatal growth, and the regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF-23, FGF-21 and FGF-19 constitute an atypical FGF subfamily whose ligands act as circulating hormones and require the participation of a Klotho protein as a co-receptor for their signaling. FGF-23 is a bone-derived hormone that acts in the kidney to regulate phosphate homeostasis and vitamin D metabolism. The signaling receptor for FGF-23, a Klotho-FGFR1 (IIIc) complex, is an essential regulator of the renal sodium phosphate co-transporter and key vitamin D-metabolizing enzymes CYP27B1 and CYP24A1. Recombinant Murine FGF-23 is a 25.5 kDa globular protein containing 228 amino acid residues.
Other Notes	Small volumes of FGF-23 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 FGF-23 purchase	MBS8434345 is a recombinant protein targeting FGF-23. Also known as Mouse, Rat FGF-23 Recombinant Protein Lyophilized. Host: E Coli.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FGF-23. It may not necessarily be applicable to this product.

Protein Family	Fibroblast growth factor
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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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.

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