Osteoclast-Stimulating Factor 1 (ostf1) Xenopus Laevis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Osteoclast-stimulating factor 1 (ostf1), Recombinant Protein
Full Product Name	Recombinant Xenopus laevis Osteoclast-stimulating factor 1 (ostf1)
Product Gene Name	ostf1 recombinant protein
Product Synonym Gene Name	ostf1
Sequence	MSKPPPKPVK PGQVKVFRAL YTFEPRTPDE LYFEEGDILY IADMSDTNWW KGTCKGKTGL IPSNYVAEQA ESIDNPLHEA AKRGNLSWLR ECLENRVGVN GLDKAGSTAL YWGCHGGHKD VVDMLLAQPN IELNQQNKLG DTALHAAAWK GYADIVELLL VKGARTDLRN NEKKLALDMA TNAQCASLLK KKQAQGIVRT SSNADEYLDD EDSD
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	23,705 Da
Sequence Positions	1-214, 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 Q7ZYG4
Species	Xenopus laevis (African clawed frog)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ostf1 recombinant protein	MBS1328235 is a recombinant protein targeting ostf1. Also known as Recombinant Xenopus laevis Osteoclast-stimulating factor 1 (ostf1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ostf1 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 ostf1. It may not necessarily be applicable to this product.

NCBI GI #	148231790
NCBI GeneID	380103
NCBI Accession #	NP_001080411.1
UniProt Primary Accession #	Q7ZYG4
UniProt Related Accession #	Q7ZYG4
GenBank Nucleotide #	NM_001086942.1

NCBI Official Full Name	osteoclast-stimulating factor 1
NCBI Official Synonym Full Names	osteoclast stimulating factor 1 L homeolog
NCBI Official Symbol	ostf1.L
NCBI Official Synonym Symbols	ostf1; sh3d3
UniProt Protein Name	Osteoclast-stimulating factor 1
Protein Family	Osteoclast-stimulating factor
UniProt Gene Name	ostf1
NCBI Protein Information	osteoclast-stimulating factor 1
UniProt Comments for ostf1	Induces bone resorption, acting probably through a signaling cascade which results in the secretion of factor(s) enhancing osteoclast formation and activity.
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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