Otoraplin (OTOR) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Otoraplin (OTOR), Recombinant Protein
Full Product Name	Recombinant Human Otoraplin (OTOR)
Product Gene Name	OTOR recombinant protein
Product Synonym Gene Name	OTOR
Sequence	VHGIFMDRLA SKKLCADDEC VYTISLASAQ EDYNAPDCRF INVKKGQQIY VYSKLVKENG AGEFWAGSVY GDGQDEMGVV GYFPRNLVKE QRVYQEATKE VPTTDIDFFC E
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	14,332 Da
Sequence Positions	18-128, 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.
OMIM	606067
3D Structure	ModBase 3D Structure for Q9NRC9
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for OTOR recombinant protein	This protein is secreted via the Golgi apparatus and may function in cartilage development and maintenance. A frequent polymorphism in the translation start codon of this gene can abolish translation and may be associated with forms of deafness. This gene is a member of the melanoma-inhibiting activity gene family. In addition, alternate polyA sites exist for this gene.
Other Notes	Small volumes of OTOR 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 OTOR purchase	MBS1397242 is a recombinant protein targeting OTOR. Also known as Recombinant Human Otoraplin (OTOR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

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

NCBI GI #	9910470
NCBI GeneID	56914
NCBI Accession #	NP_064542.1

UniProt Primary Accession #	Q9NRC9
UniProt Secondary Accession #	Q3MIU6; D3DW22
UniProt Related Accession #	Q9NRC9
GenBank Nucleotide #	NM_020157.3
NCBI Official Full Name	otoraplin
NCBI Official Synonym Full Names	otoraplin
NCBI Official Symbol	OTOR
NCBI Official Synonym Symbols	FDP; MIAL1
UniProt Protein Name	Otoraplin
UniProt Synonym Protein Names	Fibrocyte-derived protein; Melanoma inhibitory activity-like protein
Protein Family	Otoraplin
UniProt Gene Name	OTOR
UniProt Synonym Gene Names	FDP; MIAL
NCBI Protein Information	otoraplin
NCBI Summary for OTOR	This gene encodes a member of the melanoma-inhibiting activity gene family. The encoded protein is secreted via the Golgi apparatus and may function in cartilage development and maintenance. A frequent polymorphism in the translation start codon of this gene can abolish translation and may be associated with forms of deafness. [provided by RefSeq, Jul 2013]
Research Articles on OTOR	**1.** Observational study of gene-disease association. (HuGE Navigator)
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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