OPALIN Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Opalin (Opalin), Recombinant Protein
Full Product Name	Recombinant Mouse Opalin (Opalin) , partial
Product Gene Name	Opalin recombinant protein
Product Synonym Gene Name	Opalin
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	15,833 Da
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 Q7M750
Species	Mus musculus (Mouse)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Opalin recombinant protein	MBS7087995 is a recombinant protein targeting Opalin. Also known as Recombinant Mouse Opalin (Opalin) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Opalin 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 Opalin. It may not necessarily be applicable to this product.

NCBI GI #	23943844
NCBI GeneID	226115
NCBI Accession #	NP_705740.1
UniProt Primary Accession #	Q7M750
UniProt Secondary Accession #	Q6P903
UniProt Related Accession #	Q7M750
GenBank Nucleotide #	NM_153520.1
NCBI Official Full Name	opalin
NCBI Official Synonym Full Names	oligodendrocytic myelin paranodal and inner loop protein

NCBI Official Symbol	Opalin
NCBI Official Synonym Symbols	Tmp10; Tmem10
UniProt Protein Name	Opalin
UniProt Synonym Protein Names	Oligodendrocytic myelin paranodal and inner loop protein; Transmembrane protein 10
Protein Family	Opalin
UniProt Gene Name	Opalin
UniProt Synonym Gene Names	Tmem10
NCBI Protein Information	opalin
Research Articles on Opalin	**1.** study demonstrates that Tmem10 can be used as a specific marker for myelinating oligodendrocytes and perhaps for the evaluation of myelination diseases, such as multiple sclerosis
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