Extracellular Sulfatase Sulf-2 (SULF2) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Extracellular sulfatase Sulf-2 (Sulf2), Recombinant Protein
Full Product Name	Recombinant Mouse Extracellular sulfatase Sulf-2 (Sulf2) , partial
Product Gene Name	Sulf2 recombinant protein
Product Synonym Gene Name	Sulf2
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	100,497 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 Q8CFG0
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Sulf2 recombinant protein	MBS1320947 is a recombinant protein targeting Sulf2. Also known as Recombinant Mouse Extracellular sulfatase Sulf-2 (Sulf2) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Sulf2 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 Sulf2. It may not necessarily be applicable to this product.

NCBI GI #	357588451
NCBI GeneID	72043
NCBI Accession #	NP_001239507.1
UniProt Primary Accession #	Q8CFG0
UniProt Secondary Accession #	Q3TNM3; Q8BM68; Q8BUZ4; Q8BX28; Q8BZ51; Q8C169; Q9D8E2; B2RUD5
UniProt Related Accession #	Q8CFG0
GenBank Nucleotide #	NM_001252578.1
NCBI Official Full Name	extracellular sulfatase Sulf-2 isoform 1
NCBI Official Synonym Full Names	sulfatase 2

NCBI Official Symbol	Sulf2
NCBI Official Synonym Symbols	MSulf-2; AU020235; mKIAA1247; 2010004N24Rik
UniProt Protein Name	Extracellular sulfatase Sulf-2
Protein Family	Extracellular sulfatase
UniProt Gene Name	Sulf2
UniProt Synonym Gene Names	mSulf-2
NCBI Protein Information	extracellular sulfatase Sulf-2
UniProt Comments for Sulf2	Exhibits arylsulfatase activity and highly specific endoglucosamine-6-sulfatase activity. It can remove sulfate from the C-6 position of glucosamine within specific subregions of intact heparin ().
Research Articles on Sulf2	**1.** sulfate 6-O-endosulfatase 2 expression in type II alveolar epithelial cells plays a protective role in epithelial injury, inflammation and mortality
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