Solute Carrier Family 2, Facilitated Glucose Transporter Member 7 (SLC2A7) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Solute carrier family 2, facilitated glucose transporter member 7 (Slc2a7), Recombinant Protein
Full Product Name	Recombinant Rat Solute carrier family 2, facilitated glucose transporter member 7 (Slc2a7), partial
Product Gene Name	Slc2a7 recombinant protein
Sequence	MENKEAGTPP PIPSREGRLQ PTLLLATLSA AFGSAFQYGY NLSVVNTPHK VFKSFYNETY FERHATFMDG KLMLLLWSCT VSMFPLGGLL GSLLVGLLVD SCGRKGTLLI NNIFAIIPAI LMGVSKVAKA FELIVFSRVV LGVCAGISYS ALPMYLGELA PKNLRGMVGT VTEVFVIVGV FLAQIFSLQA ILGNPAGWPV LLALTGVPAL LQLLTLPFFP ESPRYSLIQK GDEATARQAL RRLRGHTDME AELEDMRAEA RAERAEGHLS VLHLCALRSL RWQLLSIIVL MAGQQLSGIN AVNYYADTIY TSAGVEAAHS QYVTVGSGVV NIVMTITSAV LVERLGRRHL LLAGYGICGS ACLVLTVVLL FQNRVPELSY LGIICVFAYI AGHSIGPSPV PPVVRTEIFL QSSRRAAFMV DGAVHWLTNF IIGFLFPSIQ EAIGAYSFII FAGICLLTAI YIYVVIPETK GKTFVEINRI FAKRNRVKLP EEKEETIDAG PPTASPAKET SF
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	55,691 Da
Sequence Positions	1-512
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 A4ZYQ5
Species	Rattus norvegicus (Rat)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Slc2a7 recombinant protein	MBS1221640 is a recombinant protein targeting Slc2a7. Also known as Recombinant Rat Solute carrier family 2, facilitated glucose transporter member 7 (Slc2a7), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Slc2a7 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 Slc2a7. It may not necessarily be applicable to this product.

NCBI GI #	155369720
NCBI GeneID	100362644
NCBI Accession #	NP_001094490.1

UniProt Primary Accession #	A4ZYQ5
UniProt Related Accession #	A4ZYQ5
GenBank Nucleotide #	NM_001101020.1
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 7
NCBI Official Synonym Full Names	solute carrier family 2 member 7
NCBI Official Symbol	Slc2a7
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 7
UniProt Synonym Protein Names	Glucose transporter type 7; GLUT-7
Protein Family	Solute carrier family
UniProt Gene Name	Slc2a7
UniProt Synonym Gene Names	GLUT-7
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 7
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