Podocalyxin-Like Protein 2 (PODXL2) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Podocalyxin-like protein 2 (Podxl2), Recombinant Protein
Full Product Name	Recombinant Mouse Podocalyxin-like protein 2 (Podxl2), partial
Product Gene Name	Podxl2 recombinant protein
Product Synonym Gene Name	Podxl2
Sequence	VG VDEPGPEGLT STSLLDLLLP TDFEPLDSEE PSEAMGLDAG LAPGSGFPSE DSEESRLLQP PQYFWEEEEL NGSSLDLGPT ADYVFPDLTE KVASMEDPGQ APDLPNLPSI LPKMDLAEPP WHMPLQEEEE EEEEEEEERE EEEREKEAEE EEEEEELLPV SGSPGATAQA HAPSPSTSSS TSSQSPGATR HRQEDSGDQA TSGMEVESSV KPTLSVPSVT PSTVAPGVQN YSQESGGTEW PTGGLGVQSE VPQGAGEGAT VGAADFDGQQ GALPSSSLPQ TVPPSGTEVP SEGPLYPRIP DSLPPGPQDT ESTPSSATWG QEGLSEQPLE GQAAEAHSLT PWDSTQVICK DWSNLAGKSY IILNMTQNID CEVFRRHRGL RLLALVEEVL PRHRSGHRGD WHISLSKPSE KEQHLLMTLV GEQGVVPTQD VLSMLSGIRR SLEEIGIQNY STTSSCQARA TQVRSDYGT
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	58,394 Da
Sequence Positions	29-499
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 Q8CAE9
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Podxl2 recombinant protein	MBS1353476 is a recombinant protein targeting Podxl2. Also known as Recombinant Mouse Podocalyxin-like protein 2 (Podxl2), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Podxl2 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 Podxl2. It may not necessarily be applicable to this product.

NCBI GI #	172088121
NCBI GeneID	319655
NCBI Accession #	NP_795947.3
UniProt Primary Accession #	Q8CAE9

UniProt Secondary Accession #	Q8CFW3
UniProt Related Accession #	Q8CAE9
GenBank Nucleotide #	NM_176973.4
NCBI Official Full Name	podocalyxin-like protein 2 isoform 2
NCBI Official Synonym Full Names	podocalyxin-like 2
NCBI Official Symbol	Podxl2
NCBI Official Synonym Symbols	PODLX2; D130074J02Rik
UniProt Protein Name	Podocalyxin-like protein 2
UniProt Synonym Protein Names	Endoglycan
Protein Family	Podocalyxin-like protein
UniProt Gene Name	Podxl2
NCBI Protein Information	podocalyxin-like protein 2
UniProt Comments for Podxl2	Acts as a ligand for vascular selectins. Mediates rapid rolling of leukocytes over vascular surfaces through high affinity divalent cation-dependent interactions with E-, P- and L-selectins ().
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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