A Disintegrin and Metalloproteinase with Thrombospondin Motifs 4 (ADAMTS4) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	A disintegrin and metalloproteinase with thrombospondin motifs 4 (ADAMTS4), Recombinant Protein
Full Product Name	Recombinant Pongo abelii A disintegrin and metalloproteinase with thrombospondin motifs 4 (ADAMTS4), partial
Product Gene Name	ADAMTS4 recombinant protein
Product Synonym Gene Name	ADAMTS4
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	90,262 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 Q5RFQ8
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ADAMTS4 recombinant protein	MBS1339519 is a recombinant protein targeting ADAMTS4. Also known as Recombinant Pongo abelii A disintegrin and metalloproteinase with thrombospondin motifs 4 (ADAMTS4), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ADAMTS4 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 ADAMTS4. It may not necessarily be applicable to this product.

NCBI GI #	75042682
NCBI Accession #	Q5RFQ8.1
UniProt Primary Accession #	Q5RFQ8
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 4
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 4
UniProt Synonym Protein Names	Aggrecanase-1
Protein Family	A disintegrin and metalloproteinase with thrombospondin motifs

UniProt Gene Name	ADAMTS4
UniProt Synonym Gene Names	ADAM-TS 4; ADAM-TS4; ADAMTS-4
UniProt Comments for ADAMTS4	Cleaves aggrecan, a cartilage proteoglycan, and may be involved in its turnover. May play an important role in the destruction of aggrecan in arthritic diseases. Cleaves aggrecan at the '392-Glu-|-Ala-393' site.
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