Uncharacterized Glycosyltransferase AER61 (AER61) Pan Troglodytes Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized glycosyltransferase AER61 (AER61), Recombinant Protein
Full Product Name	Recombinant Pan troglodytes Uncharacterized glycosyltransferase AER61 (AER61), partial
Product Gene Name	AER61 recombinant protein
Product Synonym Gene Name	AER61
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	62,044 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 Q5NDL1
Species	Pan troglodytes (Chimpanzee)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AER61 recombinant protein	MBS1342135 is a recombinant protein targeting AER61. Also known as Recombinant Pan troglodytes Uncharacterized glycosyltransferase AER61 (AER61), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AER61 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 AER61. It may not necessarily be applicable to this product.

NCBI GI #	57114206
NCBI GeneID	494220
NCBI Accession #	NP_001009171.1
UniProt Primary Accession #	Q5NDL1
UniProt Related Accession #	Q5NDL1
GenBank Nucleotide #	NM_001009171.1
NCBI Official Full Name	EGF domain-specific O-linked N-acetylglucosamine transferase
NCBI Official Synonym Full Names	EGF domain specific O-linked N-acetylglucosamine transferase

NCBI Official Symbol	EOGT
NCBI Official Synonym Symbols	AER61
UniProt Protein Name	EGF domain-specific O-linked N-acetylglucosamine transferase
UniProt Synonym Protein Names	Extracellular O-linked N-acetylglucosamine transferase
UniProt Gene Name	EOGT
UniProt Synonym Gene Names	AER61
NCBI Protein Information	EGF domain-specific O-linked N-acetylglucosamine transferase
UniProt Comments for AER61	Catalyzes the transfer of a single N-acetylglucosamine from UDP-GlcNAc to a serine or threonine residue in extracellular proteins resulting in their modification with a beta-linked N-acetylglucosamine (O-GlcNAc). Specifically glycosylates the Thr residue located between the fifth and sixth conserved cysteines of folded EGF-like domains.
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