2-Oxoglutarate Dehydrogenase-Like, Mitochondrial (OGDHL) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	2-oxoglutarate dehydrogenase-like, mitochondrial (OGDHL), Recombinant Protein
Full Product Name	Recombinant Human 2-oxoglutarate dehydrogenase-like, mitochondrial (OGDHL) , partial
Product Gene Name	OGDHL recombinant protein
Product Synonym Gene Name	OGDHL
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	91,232 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.
OMIM	617513
3D Structure	ModBase 3D Structure for Q9ULD0
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for OGDHL recombinant protein	MBS1330949 is a recombinant protein targeting OGDHL. Also known as Recombinant Human 2-oxoglutarate dehydrogenase-like, mitochondrial (OGDHL) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of OGDHL 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 OGDHL. It may not necessarily be applicable to this product.

NCBI GI #	221316665
NCBI GeneID	55753
NCBI Accession #	NP_001137468.1
UniProt Primary Accession #	Q9ULD0
UniProt Secondary Accession #	Q8TAN9; Q9NVA0; A8K2G1; B4DKG2; B4E193
UniProt Related Accession #	Q9ULD0
GenBank Nucleotide #	NM_001143996.1
NCBI Official Full Name	2-oxoglutarate dehydrogenase-like, mitochondrial isoform b

NCBI Official Synonym Full Names	oxoglutarate dehydrogenase like
NCBI Official Symbol	OGDHL
UniProt Protein Name	2-oxoglutarate dehydrogenase-like, mitochondrial
UniProt Synonym Protein Names	2-oxoglutarate dehydrogenase complex component E1-like; OGDC-E1-like; Alpha-ketoglutarate dehydrogenase-like
Protein Family	2-oxoglutarate dehydrogenase
UniProt Gene Name	OGDHL
UniProt Synonym Gene Names	KIAA1290; OGDC-E1-like
NCBI Protein Information	2-oxoglutarate dehydrogenase-like, mitochondrial
NCBI Summary for OGDHL	The protein encoded by this gene is similar to oxoglutarate dehydrogenase (OGDH) of the OGDH complex, which degrades glucose and glutamate. This gene encodes several isoforms, including some that appear to localize to mitochondria. The encoded protein down-regulates the AKT signaling cascade and can suppress the growth of cervical cancer cells. [provided by RefSeq, Dec 2016]
Research Articles on OGDHL	**1.** inactivation of OGDHL can contribute to cervical tumorigenesis via activation of the AKT signaling pathway and thus support it as an important anti-proliferative gene in cervical cancer.
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