Pleckstrin Homology-Like Domain Family A Member 3 (PHLDA3) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Pleckstrin homology-like domain family A member 3 (Phlda3), Recombinant Protein
Full Product Name	Recombinant Rat Pleckstrin homology-like domain family A member 3 (Phlda3)
Product Gene Name	Phlda3 recombinant protein
Product Synonym Gene Name	Phlda3
Sequence	MTAAATVLKE GVLEKRSGGL LQLWKRKRCV LTERGLQLFE AKGTGGRPKE LSFSRIKAVE CVESTGRHIY FTLVTEGGGE IDFRCPLEDP GWNAQITLGL VKFKNQQAIQ TVRARQSLGT GTLVS
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	13,735 Da
Sequence Positions	1-125, full length protein
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 Q5PQT7
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Phlda3 recombinant protein	MBS1407470 is a recombinant protein targeting Phlda3. Also known as Recombinant Rat Pleckstrin homology-like domain family A member 3 (Phlda3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Phlda3 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 Phlda3. It may not necessarily be applicable to this product.

NCBI GI #	58865988
NCBI GeneID	363989
NCBI Accession #	NP_001012206.1
UniProt Primary Accession #	Q5PQT7
UniProt Related Accession #	Q5PQT7
GenBank Nucleotide #	NM_001012206.2

NCBI Official Full Name	pleckstrin homology-like domain family A member 3
NCBI Official Synonym Full Names	pleckstrin homology-like domain, family A, member 3
NCBI Official Symbol	Phlda3
UniProt Protein Name	Pleckstrin homology-like domain family A member 3
UniProt Synonym Protein Names	TDAG51/Ipl homolog 1
Protein Family	Pleckstrin homology-like domain family
UniProt Gene Name	Phlda3
UniProt Synonym Gene Names	Tih1
NCBI Protein Information	pleckstrin homology-like domain family A member 3
UniProt Comments for Phlda3	p53/TP53-regulated repressor of Akt/AKT1 signaling. Represses AKT1 by preventing AKT1-binding to membrane lipids, thereby inhibiting AKT1 translocation to the cellular membrane and activation. Contributes to p53/TP53-dependent apoptosis by repressing AKT1 activity. Its direct transcription regulation by p53/TP53 may explain how p53/TP53 can negatively regulate AKT1. May act as a tumor suppressor ().
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