Docking Protein 6 (DOK6) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Docking protein 6 (Dok6), Recombinant Protein
Full Product Name	Recombinant Mouse Docking protein 6 (Dok6)
Product Gene Name	Dok6 recombinant protein
Product Synonym Gene Name	Dok6
Sequence	MASNFNDIVK QGYVKIRSRK LGIFRRCWLV FKKASSKGPR RLEKFPDEKA AYFRNFHKVT ELHNIKNITR LPRETKKHAV AIIFHDETSK TFACESELEA EEWCKHLCME CLGTRLNDIS LGEPDLLAAG VQREQNERFN VYLMPTPNLD IYGECTMQIT HENIYLWDIH NAKVKLVMWP LSSLRRYGRD STWFTFESGR MCDTGEGLFT FQTREGEMIY QKVHSATLAI AEQHERLMLE MEQKARLQTS LTEPMTLSKS ISLPRSAYWH HITRQNSVGE IYSLQGHGFG SSKMSRAQTF PSYAPEQSEE AQPPLSRSSS YGFSYSSSLI Q
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	38,287 Da
Sequence Positions	1-331, 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 Q2MHE5
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Dok6 recombinant protein	MBS1458388 is a recombinant protein targeting Dok6. Also known as Recombinant Mouse Docking protein 6 (Dok6). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Dok6 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 Dok6. It may not necessarily be applicable to this product.

NCBI GI #	85677491
NCBI GeneID	623279
NCBI Accession #	NP_001034262.1
UniProt Primary Accession #	Q2MHE5
UniProt Secondary Accession #	B2RSP9

UniProt Related Accession #	Q2MHE5
GenBank Nucleotide #	NM_001039173.1
NCBI Official Full Name	docking protein 6
NCBI Official Synonym Full Names	docking protein 6
NCBI Official Symbol	Dok6
NCBI Official Synonym Symbols	Dok-6
UniProt Protein Name	Docking protein 6
UniProt Synonym Protein Names	Downstream of tyrosine kinase 6
Protein Family	Docking protein
UniProt Gene Name	Dok6
NCBI Protein Information	docking protein 6
UniProt Comments for Dok6	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK6 promotes Ret-mediated neurite growth. May have a role in brain development and/or maintenance ().
Research Articles on Dok6	**1.** Dok6 selectively binds to the NPQY motif of TrkC through its phosphotyrosine-binding (PTB) domain in a kinase activity-dependent manner.
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