Docking Protein 4 (DOK4) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Docking protein 4 (DOK4), Recombinant Protein
Full Product Name	Recombinant Pongo abelii Docking protein 4 (DOK4)
Product Gene Name	DOK4 recombinant protein
Product Synonym Gene Name	DOK4
Sequence	MATNFSDIVK QGYVKMKSRK LGIYRRCWLV FRKSSSKGPQ RLEKYPDEKS VCLRGCPKVT EISNVKCVTR LPKETKRQAV AIIFTDDSAR TFTCDSELEA EEWYKTLSVE CLGSRLNDIS LGEPDLLAPG VQCEQTDRFN VFLLPCPNLD VYGECKLQIT HENIYLWDIH NPRVKLVSWP LCSLRRYGRD AARFTFEAGR MCDAGEGLYT FQTQEGEQIY QRVHSATLAI AEQHKRVLLE MEKNVRLLNK GTEHYSYPCT PTTMLPRSAY WHHITGSQNI AEASSYAAQG PEQQVASQFL WAWSDTGRIC ASTVLLASLA VGVLSRGDIW LTPQVKIWF
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	38,621 Da
Sequence Positions	1-339, 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 Q5RA30
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for DOK4 recombinant protein	MBS1335882 is a recombinant protein targeting DOK4. Also known as Recombinant Pongo abelii Docking protein 4 (DOK4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of DOK4 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 DOK4. It may not necessarily be applicable to this product.

NCBI GI #	197101099
NCBI GeneID	100172743
NCBI Accession #	NP_001125815.1
UniProt Primary Accession #	Q5RA30
UniProt Related Accession #	Q5RA30

GenBank Nucleotide #	NM_001132343.1
NCBI Official Full Name	docking protein 4
NCBI Official Symbol	DOK4
UniProt Protein Name	Docking protein 4
UniProt Synonym Protein Names	Downstream of tyrosine kinase 4
Protein Family	Docking protein
UniProt Gene Name	DOK4
NCBI Protein Information	docking protein 4
UniProt Comments for DOK4	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK4 functions in RET-mediated neurite outgrowth and plays a positive role in activation of the MAP kinase pathway (). Putative link with downstream effectors of RET in neuronal differentiation. May be involved in the regulation of the immune response induced by T-cells ().
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