WAS Protein Family Homolog 6 (WASH6P) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	WAS protein family homolog 6 (WASH6P), Recombinant Protein
Full Product Name	Recombinant Human WAS protein family homolog 6 (WASH6P)
Product Gene Name	WASH6P recombinant protein
Product Synonym Gene Name	WASH6P
Sequence	MAFHEMQAHK NALGTSGEQQ AADITGPTPH QGGWKQVEQS RSQVQAIGEK VSLAQAKIEK IKGSKKAIKV FSSAKYPAPE RLQEYGSIFT GAQDPGLQRR PRHRIQSKHR PLDERALQEK LKDFPVCVST KPEPEDDAEE GLGGLPSNIS SVSSLLLFNT TENLYKKYVF LDPLAGAVTK THVMLGAETE EKLFDAPLSI SKREQLEQQV PENYFYVPDL GQVPEIDVPS YLPDLPSIAN DLMYSADLGP GIAPSAPGTI PELPTFHTEV AEPLKADLQD GVLTPPPPPP PPPPAPEVLA SAPPLPPSTA APVGQGARQD DGSSSASPSV QGAPREVVDP SGGWATLLES IRQAGGIGKA KLRSMKERKL EKKKQKEQEQ VRATSQGGHL MSDLFNKLVM RRKGISGKGP GAGEGPGGAF ARVSDSIPPV PPPQQPQAEE DEDDWES
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	47,990 Da
Sequence Positions	1-447, 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 Q9NQA3
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for WASH6P recombinant protein	MBS1441234 is a recombinant protein targeting WASH6P. Also known as Recombinant Human WAS protein family homolog 6 (WASH6P). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of WASH6P 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 WASH6P. It may not necessarily be applicable to this product.

NCBI GI #	284018158
NCBI GeneID	653440
NCBI Accession #	Q9NQA3.3

UniProt Primary Accession #	Q9NQA3
UniProt Secondary Accession #	Q8N305; A6NGF1
UniProt Related Accession #	Q9NQA3
NCBI Official Full Name	WAS protein family homolog 6
NCBI Official Synonym Full Names	WAS protein family homolog 6 pseudogene
NCBI Official Symbol	WASH6P
NCBI Official Synonym Symbols	WASH; FAM39A; CXYorf1
UniProt Protein Name	WAS protein family homolog 6
UniProt Synonym Protein Names	Protein FAM39A
Protein Family	WAS protein family
UniProt Gene Name	WASH6P
UniProt Synonym Gene Names	CXYorf1; FAM39A
UniProt Comments for WASH6P	May act as a nucleation-promoting factor at the surface of endosomes, where it recruits and activates the Arp2/3 complex to induce actin polymerization, playing a key role in the fission of tubules that serve as transport intermediates during endosome sorting.
Research Articles on WASH6P	**1.** show that WASH functions in cells within a 500 kDa core complex containing Strumpellin, FAM21, KIAA1033 (SWIP), and CCDC53.
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