

Kinesin-like protein KIF22 (KIF22) Recombinant Protein | KIF22 recombinant protein

Recombinant Human Kinesin-like protein KIF22 (KIF22)

CATALOG # AAA116803	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Kinesin-like protein KIF22 (KIF22); Recombinant Human Kinesin-like protein KIF22 (KIF22); KIF22 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-665aa; Full Length Protein of Isoform 1
Sequence	MAAGGSTQQR RREMAAASAA AISGAGRCRL SKIGATRRPP PARVRVAVRL RPFVDGTAGA SDPPCVRGMD SCSLEIANWR NHQETLKYQF DAFYGERSTQ QDIYAGSVQP ILRHLLEGQN ASVLAYGPTG AGKTHTMLGS PEQPGVIPRA LMDLLQLTRE EGAEGRPWAL SVTMSYLEIY QEKVLDLLDP ASGDLVIREDCRGNILIPGL SQKPISSFAD FERHFLPASR NRTVGATRLN QRSSRSHAVL LVKVDQRRERL APFRQREGKL YLIDLAGESED NRRTGNKGLR LKESGAINTS LFLVGKVVDA LNQGLPRVPY RDSKLTRLLQ DSLGGSASHSI LIANIAPERR FYLDTVSALN FAARSKEVIN RPFTNESLQP HALGPVKLSQ KELLGPPEAK RARGPEEEEE GSPEPMAAPA SASQKLSPLQ KLSSMDPAML ERLLSLDRLL ASQGSQGAPL LSTPKRERMV LMKTVEEKDL EIERLKTKQK ELEAKMLAQK AEEKENHCPT MLRPLSHRTV TGAKPLKKAV VMPLQLIQEQ AASPNAEIHI LKNKGRKRKL ESLDALEPEE KAEDCWELQI SPELLAHGRQ KILDLLNEGS ARDLRSLQRI GPKKAQLIVG WRELHGPFSSQ VEDLERVEGI TGKQMESFLK ANILGLAAGQ RCGAS
Species	Human
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.

ADDITIONAL INFORMATION

Related Product Information for KIF22 recombinant protein	This protein is a member of kinesin-like protein family. This family of proteins are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the Xenopus homolog suggests its essential role in metaphase chromosome alignment and maintenance.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	372266146
NCBI GeneID	3835
NCBI Accession #	NP_001243198.1
NCBI GenBank Nucleotide #	NM_001256269.1
UniProt Accession #	Q14807; O60845; O94814; Q53F58; Q9BT46; B2R5M0; B7Z265
Molecular Weight	66,307 Da
NCBI Official Full Name	kinesin-like protein KIF22 isoform 2

NCBI Official Synonym Full Names	kinesin family member 22
NCBI Official Symbol	KIF22
NCBI Official Synonym Symbols	KID; OBP; KNSL4; OBP-1; OBP-2; SEMDJL2; A-328A3.2
NCBI Protein Information	kinesin-like protein KIF22
UniProt Protein Name	Kinesin-like protein KIF22
UniProt Gene Name	KIF22
UniProt Synonym Gene Names	KID; KNSL4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/kif22-recombinant-protein-e-coli/116803>