Uncharacterized Protein KIAA1737 (KIAA1737) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized protein KIAA1737 (KIAA1737), Recombinant Protein
Full Product Name	Recombinant Human Uncharacterized protein KIAA1737 (KIAA1737)
Product Gene Name	KIAA1737 recombinant protein
Product Synonym Gene Name	KIAA1737
Sequence	MERKNPSRES PRRLSAKVGK GTEMKKVARQ LGMAAAESDK DSGFSDGSSE CLSSAEQMES EDMLSALGWS REDRPRQNSK TAKNAFPTLS PMVVMKNVLV KQGSSSSQLQ SWTVQPSFEV ISAQPQLLFL HPPVPSPVSP CHTGEKKSDS RNYLPILNSY TKIAPHPGKR GLSLGPEEKG TSGVQKKICT ERLGPSLSSS EPTKAGAVPS SPSTPAPPSA KLAEDSALQG VPSLVAGGSP QTLQPVSSSH VAKAPSLTFA SPASPVCASD STLHGLESNS PLSPLSANYS SPLWAAEHLC RSPDIFSEQR QSKHRRFQNT LVVLHKSGLL EITLKTKELI RQNQATQVEL DQLKEQTQLF IEATKSRAPQ AWAKLQASLT PGSSNTGSDL EAFSDHPAI
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	42,692 Da
Sequence Positions	1-399, 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.
OMIM	616995
3D Structure	ModBase 3D Structure for Q9C0C6
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for KIAA1737 recombinant protein	MBS1340998 is a recombinant protein targeting KIAA1737. Also known as Recombinant Human Uncharacterized protein KIAA1737 (KIAA1737). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of KIAA1737 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 KIAA1737. It may not necessarily be applicable to this product.

NCBI GI #	32307175
NCBI GeneID	85457
NCBI Accession #	NP_219494.2

UniProt Primary Accession #	Q9C0C6
UniProt Secondary Accession #	Q8N389; Q8NDZ1; B2RCI1
UniProt Related Accession #	Q9C0C6
GenBank Nucleotide #	NM_033426.2
NCBI Official Full Name	CLOCK-interacting pacemaker
NCBI Official Synonym Full Names	CLOCK interacting pacemaker
NCBI Official Symbol	CIPC
NCBI Official Synonym Symbols	KIAA1737
UniProt Protein Name	CLOCK-interacting pacemaker
UniProt Synonym Protein Names	CLOCK-interacting circadian protein
UniProt Gene Name	CIPC
UniProt Synonym Gene Names	KIAA1737
NCBI Protein Information	CLOCK-interacting pacemaker
UniProt Comments for KIAA1737	Transcriptional repressor which may act as a negative-feedback regulator of CLOCK-ARNTL/BMAL1 transcriptional activity in the circadian-clock mechanism. May stimulate ARNTL/BMAL1-dependent phosphorylation of CLOCK. However, the physiogical relevance of these observations is unsure, since experiments in an animal model showed that CIPC is not critially required for basic circadian clock.
Research Articles on KIAA1737	**1.** Since CAD and Erk have significant roles in cell proliferation and cell cycle, CIPC may work as a cell cycle regulator by interacting with these binding proteins.
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