Datasheet for ABIN7554789

NUP160 Protein (AA 1-1436) (His tag)

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Overview

Quantity:	1 mg
Target:	NUP160
Protein Characteristics:	AA 1-1436
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUP160 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NUP160 Protein expressed in mammalian cells.
Sequence:	MLHLSAAPPA PPPEVTATAR PCLCSVGRRG DGGKMAAAGA LERSFVELSG AERERPRHFR EFTVCSIGTA NAVAGAVKYS ESAGGFYYVE SGKLFSVTRN RFIHWKTSGD TLELMEESLD INLLNNAIRL KFQNCSVLPG GVYVSETQNR VIILMLTNQT VHRLLLPHPS RMYRSELVVD SQMQSIFTDI GKVDFTDPCN YQLIPAVPGI SPNSTASTAW LSSDGEALFA LPCASGGIFV LKLPPYDIPG MVSVVELKQS SVMQRLLTGW MPTAIRGDQS PSDRPLSLAV HCVEHDAFIF ALCQDHKLRM WSYKEQMCLM VADMLEYVPV KKDLRLTAGT GHKLRLAYSP TMGLYLGIYM HAPKRGQFCI FQLVSTESNR YSLDHISSLF TSQETLIDFA LTSTDIWALW HDAENQTVVK YINFEHNVAG QWNPVFMQPL PEEEIVIRDD QDPREMYLQS LFTPGQFTNE ALCKALQIFC RGTERNLDLS WSELKKEVTL AVENELQGSV TEYEFSQEEF RNLQQEFWCK FYACCLQYQE ALSHPLALHL NPHTNMVCLL KKGYLSFLIP SSLVDHLYLL PYENLLTEDE TTISDDVDIA RDVICLIKCL RLIEESVTVD MSVIMEMSCY NLQSPEKAAE QILEDMITID VENVMEDICS KLQEIRNPIH AIGLLIREMD YETEVEMEKG FNPAQPLNIR MNLTQLYGSN TAGYIVCRGV

	HKIASTRFLI CRDLLILQQL LMRLGDAVIW GTGQLFQAQQ DLLHRTAPLL LSYYLIKWGS ECLATDVPLD TLESNLQHLS VLELTDSGAL MANRFVSSPQ TIVELFFQEV ARKHIISHLF SQPKAPLSQT GLNWPEMITA ITSYLLQLLW PSNPGCLFLE CLMGNCQYVQ LQDYIQLLHP WCQVNVGSCR FMLGRCYLVT GEGQKALECF CQAASEVGKE EFLDRLIRSE DGEIVSTPRL QYYDKVLRLL DVIGLPELVI QLATSAITEA GDDWKSQATL RTCIFKHHLD LGHNSQAYEA LTQIPDSSRQ LDCLRQLVVV LCERSQLQDL VEFPYVNLHN EVVGIIESRA RAVDLMTHNY YELLYAFHIY RHNYRKAGTV MFEYGMRLGR EVRTLRGLEK QGNCYLAALN CLRLIRPEYA WIVQPVSGAV YDRPGASPKR NHDGECTAAP TNRQIEILEL EDLEKECSLA RIRLTLAQHD PSAVAVAGSS SAEEMVTLLV QAGLFDTAIS LCQTFKLPLT PVFEGLAFKC IKLQFGGEAA QAEAWAWLAA NQLSSVITTK ESSATDEAWR LLSTYLERYK VQNNLYHHCV INKLLSHGVP LPNWLINSYK KVDAAELLRL YLNYDLLEEA VDLVSEYVDA VLGKGHQYFG IEFPLSATAP MVWLPYSSID QLLQALGENS ANSHNIALSQ KILDKLEDYQ QKVDKATRDL LYRRTL **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	NUP160
Alternative Name:	NUP160 (NUP160 Products)
Background:	Nuclear pore complex protein Nup160 (160 kDa nucleoporin) (Nucleoporin Nup160),FUNCTION: Functions as a component of the nuclear pore complex (NPC) (PubMed:11564755, PubMed:11684705). Involved in poly(A)+ RNA transport. {ECO:0000269|PubMed:11564755, ECO:0000269|PubMed:11684705}.
Molecular Weight:	162.1 kDa
UniProt:	Q12769
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

