

Datasheet for ABIN7565261
NUP160 Protein (AA 1-1402) (His tag)



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Overview

Quantity:	1 mg
Target:	NUP160
Protein Characteristics:	AA 1-1402
Origin:	Mouse
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:	MAAAGSLERS FVELSGAERE RPRHFREFTV CDIGTASAAF GTVKYSESAG GFYYVESGKL FSITRNRFIH WKTSGDTLEL VEESLDLNL NNAVRLKFQN YNILPGGVHV SETQNHVIL ILTNQTVHRL ILPHPSRMYR SELVTESQMQ SIFTDIGKVD FRDPCNSQLI PSVPGLSPGS TTSAAWLSSD GEALFALPSA SGGIFVLKLP PYDVPGIASV VELKQSSVMQ RLLTGWMPTA IRGDHGPSDR ALSLAVHCVE HDAFIFALCQ DHKLRMWSYK DQMCLMVADM LEYVPVKNKDL RLTAGTGHKL RLAYSPSMGL YLGIYMHAPK RGQFCVQLV STENNRYSLD HISSLFTSQE TLVDFALTST DIWALWHDAE NQTIVKYINF EHNVAGQWNP VFMQPLPEEE IVIRDDQDPR EMYLRSFTP GHFINAALCK ALQIFCRGTE RNLDLSWNEK KKEITLAVEN ELQGSVTEYE FSQDEFRTLQ QEFWCKFYAC VLQYQEALSH PLALHLNPVT NMVCLLKKGY LSFLVPSSLV DHLYLLPDEH LLTEDETTIS DDADVARDVL CLIKCLRMIG ESVTMDMAVL METSCYNLQS PEKAAEHILE DLITIDVENV MEDICSKLQE IRNPVHAIGL LIREMDYETE VEMEKGFDPA QPLNVRMNL S QLYGSSTAGY IVCRGVYKIA STRFLICRDL LILQQLLTRL GDAVILGAGQ

LFQAQQDLLH RTAPLLLSYY LIKWASQCLA TDVPVDTLES NLQHLSVLEL TDSGALMANK
LVSSPQTIME LFFQEVARQK IISHLFSQPK APLSQTGLNW PEMITAVTGY LLQLLWPSNP
GCLFLECLMG NCQYVQLQDY IQLLHPWCQV NVGSCRFMLG RCYLVTGEVQ KALECFCQAA
SEVGKEEFLD RLIRSEGEI VSTPKLQYYD KVLRLLDVVG LPELVIQLAT SAITEAGDDW
KSQATLRTCI FKHHLDLGHN SQAYEALTQI PDSSRQLDCL RQLVVVLCER SQLQDLVEFP
YVNLHNEVVG IIESRARAVD LMTHNYYELL YAFHIYRHNY RKAGTVMFEY GMRLGREVRT
LRGLEKQGNC YLAAINCLRL IRPEYAWIVQ PASGAVSDRP GASPKNRHDG ECTAAPTRNQ
IEILELEDLE KEYSLARIRL TLARHDPSVI AIAGSSSAKE MSALLVQAGL FDTAISLCQT FTLPLTPVFE
GLAFKCIKQ FGGEAAQGEA WSWLATNQLS SVITTKESSA TDEAWRLLST YLERYKVQNN
LYHHCVINKL LSHGVPLPNW LINSYKKVDA AELLRLYLN DLLEEAVDLV SEYVDAVLGK
GHQYFGIEFP LSATAPMVWL PYSSIDQLLQ ALGENSANSI NIILSQKILD KLEDYQQKVD
KATRDLLYRR DL **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) (Gene trap locus 1-13 protein) (GTL-13) (Nucleoporin Nup160),FUNCTION: Functions as a component of the nuclear pore complex (NPC) (PubMed:11564755, PubMed:11684705). Involved in poly(A)+ RNA transport (PubMed:11684705). {ECO:0000269 PubMed:11564755, ECO:0000269 PubMed:11684705}.
Molecular Weight:	158.2 kDa
UniProt:	Q9Z0W3
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