Datasheet for ABIN7554566

Meningioma 1 Protein (AA 1-1320) (His tag)

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Overview

Quantity:	1 mg
Target:	Meningioma 1 (MN1)
Protein Characteristics:	AA 1-1320
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Meningioma 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat MN1 Protein expressed in mammalien cells.
Sequence:	MFGLDQFEPQ VNSRNAGQGE RNFNETGLSM NTHFKAPAFH TGGPPGPVDP AMSALGEPPI LGMNMEPYGF HARGHSELHA GGLQAQPVHG FFGGQQPHHG HPGSHHPHQH HPHFGGNFGG PDPGASCLHG GRLLGYGGAA GGLGSQPPFA EGYEHMAESQ GPESFGPQRP GNLPDFHSSG ASSHAVPAPC LPLDQSPNRA ASFHGLPSSS GSDSHSLEPR RVTNQGAVDS LEYNYPGEAP SGHFDMFSPS DSEGQLPHYA AGRQVPGGAF PGASAMPRAA GMVGLSKMHA QPPQQQPQQQ QQPQQQQQQH GVFFERFSGA RKMPVGLEPS VGSRHPLMQP PQQAPPPPQQ QPPQQPPQQQ PPPPPGLLVR QNSCPPALPR PQQGEAGTPS GGLQDGGPML PSQHAQFEYP IHRLENRSMH PYSEPVFSMQ HPPPQQAPNQ RLQHFDAPPY MNVAKRPRFD FPGSAGVDRC ASWNGSMHNG ALDNHLSPSA YPGLPGEFTP PVPDSFPSGP PLQHPAPDHQ SLQQQQQQQQ QQQQQQQQQQ QQQQQQQQQQ RQNAALMIKQ MASRNQQQRL RQPNLAQLGH PGDVGQGGLV HGGPVGGLAQ PNFEREGGST GAGRLGTFEQ QAPHLAQESA WFSGPHPPPG DLLPRRMGGS GLPADCGPHD

Product Details

	PSLAPPPPPG GSGVLFRGPL QEPMRMPGEG HVPALPSPGL QFGGSLGGLG QLQSPGAGVG LPSAASERRP PPPDFATSAL GGQPGFPFGA AGRQSTPHSG PGVNSPPSAG GGGGSSGGGG GGGAYPPQPD FQPSQRTSAS KLGALSLGSF NKPSSKDNLF GQSCLAALST ACQNMIASLG APNLNVTFNK KNPPEGKRKL SQNETDGAAV AGNPGSDYFP GGTAPGAPGP GGPSGTSSSG SKASGPPNPP AQGDGTSLSP NYTLESTSGN DGKPVSGGGG RGRGRRKRDS GHVSPGTFFD KYSAAPDSGG APGVSPGQQQ ASGAAVGGSS AGETRGAPTP HEKALTSPSW GKGAELLLGD QPDLIGSLDG GAKSDSSSPN VGEFASDEVS TSYANEDEVS SSSDNPQALV KASRSPLVTG SPKLPPRGVG AGEHGPKAPP PALGLGIMSN STSTPDSYGG GGGPGHPGTP GLEQVRTPTS SSGAPPPDEI HPLEILQAQI QLQRQQFSIS EDQPLGLKGG KKGECAVGAS GAQNGDSELG SCCSEAVKSA MSTIDLDSLM AEHSAAWYMP ADKALVDSAD DDKTLAPWEK AKPQNPNSKE AHDLPANKAS ASQPGSHLQC LSVHCTDDVG DAKARASVPT WRSLHSDISN RFGTFVAALT **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.**
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien 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, Western Blot
Grade:	custom-made

Target Details

Target:	Meningioma 1 (MN1)

Target Details

Alternative Name:	MN1 (MN1 Products)
Background:	Transcriptional activator MN1 (Probable tumor suppressor protein MN1),FUNCTION: Transcriptional activator which specifically regulates expression of TBX22 in the posterior region of the developing palate. Required during later stages of palate development for growth and medial fusion of the palatal shelves. Promotes maturation and normal function of calvarial osteoblasts, including expression of the osteoclastogenic cytokine TNFSF11/RANKL. Necessary for normal development of the membranous bones of the skull (By similarity). May play a role in tumor suppression (Probable). {ECO:0000250|UniProtKB:D3YWE6, ECO:0000305|PubMed:7731706}.
Molecular Weight:	136.0 kDa
UniProt:	Q10571

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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