

Product datasheet for TP523114

Fbn2 (NM_010181) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse fibrillin 2 (Fbn2), 20µg
Species: Mouse
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >MR223114 representing NM_010181
Red=Cloning site Green=Tags(s)

MGRRRRLCLQPYFVWLGCVALWAQGTGQPQPPPKTLRPQPPQVQVPAVAGSEGGFMGPEYRDEGAVA
 ASRVRRRGQEQILRGNVCGSRFHSYCCPGWKTLPGGNQCIVPICRNSCGDGFCSRPNMCTCSSGQISPT
 CGAKSIQQCSVRCMNGGTCADDHCQCQKGYIGTYCGQPVCENGCGNGGRCIGPNRCACVYGFTGPQCERD
 YRTGPCFTQVNNQMCQGQLTGIVCTKLCCATIGRAWGHPCEMCPAQPPCRRGFIPNIRTGACQDVFDEC
 QAIPGLCQGGNCINTVGSFECRCPAGHKQSETTKCEDIDECSVIPGVCETGDCSNTVGSYFCLCPRGFV
 TSTDGSRCIDQRAGTCFSLVNGRCAQELPGRMAKAQCCCEPGRCSWISIGTIPEACPVRGSEYRRLCLDG
 LPMGGIPGSSVSRPGGTGSTGNGYGPGGTGFLPIPGDNGFSPGVGGAGVGGAGGQGPITGLTILNQTIDI
 CKHHANLCLNGRCIPTVSSYRCECNMGYKQDANGDCIDVDECTSNPCSNGDCVNTPGSYCKCHAGFQRT
 PTKQACIDIDECIQNGVLCKNGRCVNTDGSFQCICNAGFELTTDGNKCVHDHDECTTTNMCLNGMCINEDG
 SFKCVCKPGFILAPNGRYCTDVDECQTPGICMNGHCINNEGSFRCDCPPGLAVGVDGRVCVDTHMRSTCY
 GEIKKGVCVRPFPGAVTKSECCANPDYGFGEPCQPCPAKNSAEFHGLCSSGIGITVDGRDINECALDPD
 ICANGICENLRGSYRNCNSGYEPDASGRNCIDIDECLVNRLLCDNGLCRNTPGYSYCTCPPGYVFRRET
 ETCEDVNECESNPCVNGACRNLGSHFCECSPGSKLSSTGLICIDSLKGTGWLNIQDNRCEVNINGATLK
 SECCATLGAAWGSPCERCELDAACPRGFARIKGVTCEDVNECEVFPVCPNGRCVNSKGSFHCECPEGLT
 LDGTGRVCLDIRMEHCFLKWEDEDECIHPVPGKFRMDACCAVGAAWGTECECPKPGTKEYETLCPRGPG
 FANRGDILTGRPFYKDINECKAFPGMCTYGKCRNTIGSFKCRNNGFALDMEERNCTDIDECRISPDLCG
 SGICVNTPGSFECECFEGYESGFMMMKNCMDIDECERNPLLCRGGTCVNTEGSFQDCPLGHELSPSRED
 CVDINECSLSDNLCRNGKCVNMIGTYQCSCNPGYQATPDRQGCTDIDECMIMNGGCDTQCTNSEGSYEC
 CSEGYALMPDGRSCADIDECENPDICDGGQCTNIPGEYRCLCYDGFMASMDMKCIDVNECDLNPNICM
 FGECENTKGSFICHQGLGYSVKKGTTGCTDVDECEIGAHCNCDMHASCLNVPGSFKCSREGWVNGIKCI
 DLDECANGTHQCSINAQCVNTPGSYRACSEGFSGDGFCSVDDECAENTNLCENGQCLNVPGAYRCECE
 MGFTPASDSRSCQDIDECSFQNICVFGTCNNLPGMFHCICDDGYELDRGTGGNCTDIDECADPINCENGLC
 VNTPGRYECNCPDFQLNPTGVGCVDNRVGNICYLKFGRGDGSLSCNTEVGVGVSRSSCSSLGKAWGNP
 CETCPPVNSTEYTLCPGGEGFRPNPITILEDIDEQELPGLCQGGNCINTFGSFQCECPQGYLSEET
 RICEDIDECEFAHPGVCVPGTGYNTLGNITCIPPEYMQVNGGHNCMDMRKSFYRSYNGTTCENELPFNV
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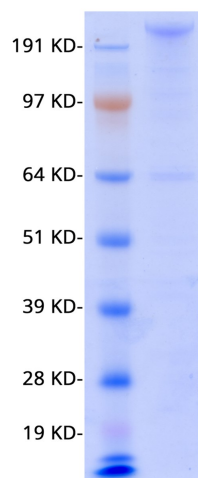


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IGSFRCECPTGFSYNDLLLVCEDIDECSNGDNLQQRNADCINSPGSYRCECAAGFKLSPNGACVDRNECL
 EIPNVCSHGLCVDLQGSYQCICNNGFKASQDQTMCMMDVDECERHPCGNGTCKNTVGSYNCLCYPGFELTH
 NNDCLDIDECSFFGQVCRNGRCFNEIGSFKCLCNEGYELTPDGKNCIDTNECVLPGSCSPGTCQNLEG
 SFRICPPGYEVRSENCIDINECEDPNICLFGSCTNTPGGFQCICPPGFVLSDNRRRCFDRQSFCTN
 FENGKCSVPKAFNTTKAKCCCSKMPGEGWGDPCELCPKDDEVAFQDLCYPYGHGTVPSLHDTREDVNECLE
 SPGICSNGQCINTDGSFRCECPMGYNLDYTGVRVCDTDECSIGNPCGNGTCTNVIGSFECTCNEGFEPGP
 MMNCEDINECAQNPLLCAFRCMNTFGSYECTCPVGYALREDQKMCKDLDECAEGLHDCESRGMMCKNLIG
 TFMCI CPPGMARRPDGEGCVDENECRTKPGICENGRCVNIIGSYRCECNEGFQSSSSGTECLDNRQGLCF
 AEVLQTMCMQMASSSRNLVTKSECCDGGRGWGHQCELCPLPGTAQYKKICPHGPGYATDGRDIDECKVMP
 SLCTNGQCVNTMGSRFCFKVGYTTDISGTACVDLDECSQSPKPCNFICKNTKGSYQCSCPRGYVLQEDG
 KTCKDLDECQTKQHNCQFLCVNTLGGFTCKCPPGFTQHHTACIDNNECGSQPSLCGAKGICQNTPGSFSC
 ECQRGFLDASGLNCEVDVECDGNHRCQHGCQNILGGYRCGCPQGYVQHYQWNQCVDENECSPNGACGSA
 SCYNTLGSYKACPSGFSFDQFSSACHDVNECSSKNPCSYGCSNTEGGYLCGCPPGYFRVQGHCVSGM
 GFNKGQYLSVDAEAEDDENALSPEACYECKINGYTKKDGRRKRSQAQEPASAEQISLESVAMDSPVNM
 KFNLSGLGSKEHILELPAIEPLNNHIRYVISQGNEDGVFRIHQNRGLSYLHTAKKKLAPGTYTLEITSI
 PLYGKKELRKLEEHNEDDYLLGVLGEALRMRLQIQLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	314.3 kDa
Concentration:	>0.05 µg/µL as determined by Bradford protein assay method.
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50mM Tris.HCl, pH7.5, 100mM glycine, 10% glycerol.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_034311.2
Locus ID:	14119
UniProt ID:	Q61555
RefSeq Size:	10480
Cytogenetics:	18 32.15 cM
RefSeq ORF:	8721
Synonyms:	BC063774; Fib-2; mKIAA4226; sne; sy
Summary:	Fibrillin-2: Fibrillins are structural components of 10-12 nm extracellular calcium-binding microfibrils, which occur either in association with elastin or in elastin-free bundles. Fibrillin-2-containing microfibrils regulate the early process of elastic fiber assembly. Regulates osteoblast maturation by controlling TGF-beta bioavailability and calibrating TGF-beta and BMP levels, respectively (PubMed:20855508).[UniProtKB/Swiss-Prot Function]

Product images:

Coomassie blue staining of purified Fbn2 protein (Cat #TP523114). The protein was produced from mammalian cells transfected with Fbn2 cDNA clone (Cat #MR223114).