

Agarose gel (2%)
PCR fragment (exon 22-24 cDNA)



← gDNA (+ control)
1685 pb

← Expected size
960 bp cDNA(+intron)

← Expected size
310 bp cDNA fragment

MBP33 PROTEIN
c.2149-1cDNA: NFEPEKFPYAFSEKFRVTEVAAGSPAVFEATERAGVYVNRQ
GGDISASNKYGLATEGRTCLTVRYGPAQGGVAVLAGSRYVFELEVIEAEKAF
MLAPAFAPADATAPAEAPAAALGSDAPFFRGSALADFFPQAFDFIQLFPMR
FDQDETVVGGITFSAATVAGALLKAFVYVFRFGKVDLSKVQCHLGHDTORAK
VYFELKIDGAPFTGFCVCEVSTDEKFDENRFLVREAMTQGLDLSAFSTSL
AGGGRKIDRREKCPILDFEELAKKESRSTFDELLAKAKKQVWELLDGAFVETE
RIAFQVOTDLSGMLKLEKSRDEKFFAFCKELKPAVQSRGKIRLVELADDA
EYKLENGEIQMSRSTIFESIGAKRTFQRCGLADDAQVCCVYRKCSTELPFR
EYFLITRFLAQVAVQVQVFECEVTEVSDGAVKLEDOVELPREEYRIRFEKDG
RHLIINEAMLEDAGHYALCTSGQALAEIVQKLELVQSIADLVGAEQAVFEC
EYDENVYVLEKSKELVDSRIKYSIRVHLEIDQVPADEADYVFPFQAFACN
LRAKLRMYELIFVFGQEFRIKLDGKIDQTIQVIGKREILDFEISGDAFVFI
NQALITQNKAFAPAFADAFEDDQSDSEVFCXKAEKVEYRRLVCLRELPTVYRQD
RGGATLGRVCCPQQGFCQALFFGAEKQVETD

MBP33 PROTEIN
Reference: NFEPEKFPYAFSEKFRVTEVAAGSPAVFEATERAGVYVNRQ
GGDISASNKYGLATEGRTCLTVRYGPAQGGVAVLAGSRYVFELEVIEAEKAF
MLAPAFAPADATAPAEAPAAALGSDAPFFRGSALADFFPQAFDFIQLFPMR
FDQDETVVGGITFSAATVAGALLKAFVYVFRFGKVDLSKVQCHLGHDTORAK
VYFELKIDGAPFTGFCVCEVSTDEKFDENRFLVREAMTQGLDLSAFSTSL
AGGGRKIDRREKCPILDFEELAKKESRSTFDELLAKAKKQVWELLDGAFVETE
RIAFQVOTDLSGMLKLEKSRDEKFFAFCKELKPAVQSRGKIRLVELADDA
EYKLENGEIQMSRSTIFESIGAKRTFQRCGLADDAQVCCVYRKCSTELPFR
EYFLITRFLAQVAVQVQVFECEVTEVSDGAVKLEDOVELPREEYRIRFEKDG
RHLIINEAMLEDAGHYALCTSGQALAEIVQKLELVQSIADLVGAEQAVFEC
EYDENVYVLEKSKELVDSRIKYSIRVHLEIDQVPADEADYVFPFQAFACN
LRAKLRMYELIFVFGQEFRIKLDGKIDQTIQVIGKREILDFEISGDAFVFI
NQALITQNKAFAPAFADAFEDDQSDSEVFCXKAEKVEYRRLVCLRELPTVYRQD
RGGATLGRVCCPQQGFCQALFFGAEKQVETD

