



# Recombinant Mouse Transcription factor AP-2-beta (Tfap2b)

<b>Product Code</b>	CSB-MP733781MO
<b>Abbreviation</b>	Tfap2b
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q61313
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MHSPPRDQAA IMLWKLVENV KYEDIYEDRH DGVPSHSSRL SQLGSVSQGP YSSAPPLSHT PSSDFQPPYF PPPYQPLPYH QSQDPYSHVN DPYSLNPLHQ PQQHPWGQRQ RQEVGSEAGS LLPQPRAALP QLSGLDPRRD YHSVRRPDVL LNSAHHGLDA GMGDSLHLHG LGHPGMEDVQ SVEDANNSGM NLLDQSVIKK VPVPPKSVTS LMMNKDGLFG GMSVNTGEVF CSVPGRLSLL SSTSKYKVTV GEVQRRLSPP ECLNASLLGG VLRRAKSKNG GRSLRERLEK IGLNLPAGR KAANVTLLTS LVEGEAVHLA RDFGYICETE FPAKAVSEYL NRQHTDPSDL HSRKNMLLAT KQLCKEFTDL LAQDRTPIGN SRPSPILEPG IQSCLTHFSL ITHGFGAPAI CAALTALQNY LTEALKGMDK MFLNNTTNRH TSGEGPGSKT GDKEEKHRK
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Tfap2b
<b>Protein Names</b>	Recommended name: Transcription factor AP-2-beta Short name= AP2-beta Alternative name(s): Activating enhancer-binding protein 2-beta
<b>Expression Region</b>	1-459
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes a member of the AP-2 family of transcription factors. AP-2 proteins form homo- or hetero-dimers with other AP-2 family members and bind specific DNA sequences. They are thought to stimulate cell proliferation and suppress terminal differentiation of specific cell types during embryonic development. Specific AP-2 family members differ in their expression patterns and binding affinity for different promoters. This protein functions as both a transcriptional activator and repressor. Mutations in this gene result in autosomal dominant Char syndrome, suggesting that this gene functions in the



differentiation of neural crest cell derivatives.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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