

hSOST(2)

Nomenclature	C57BL/6Smoc- <i>Sost</i> ^{em1(hSOST)Smoc}
Cat. NO.	NM-HU-215021
Strain State	Repository Live

Gene Summary

Gene Symbol Sost	Synonyms	5430411E23Rik
	NCBI ID	74499
	MGI ID	1921749
	Ensembl ID	ENSMUSG000000001494
	Human Ortholog	SOST

Model Description

The endogenous mice *Sost* gene was replaced by human SOST gene. While hSOST(Stock No.NM-HU-200251) mice function similarly to hSOST(2) mice, for more detailed information please contact our technical advisor.

*Literature published using this strain should indicate: hSOST(2) mice (Cat. NO. NM-HU-215021) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

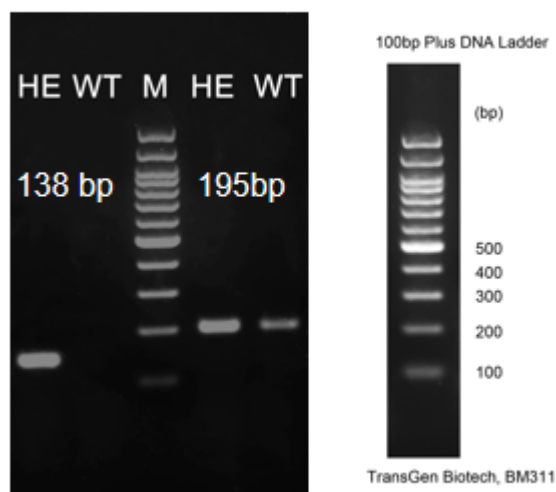


Fig1. Detection of SOST expression in testis and heart by RT-PCR. Wild type: only one band at 195 bp with primers F1/R1(mSost); Heterozygous: one band at 195 bp with primers F1/R1(mSost) and one band at 138 bp with primers F2/R2(hSOST); Abbr. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

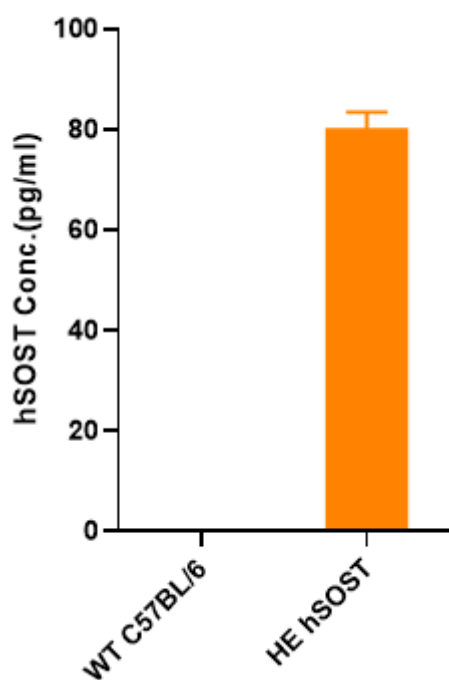


Fig 2. Detection of hSOST expression in plasma by ELISA. Abbr. HO, homozygous; HE, heterozygous; WT, wild type.