



# Recombinant Mouse Prospero homeobox protein 1 (Prox1)

<b>Product Code</b>	CSB-EP018757MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P48437
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MPDHDSTALL SRQTKRRRVD IGVKRTVGTA SAFFAKARAT FFSAMNPQGS  EQDVEYSVVQ HADGEKSNVL RKLKCRANSY EDAMMPFPGA TIISQLLKN  MNKNGGTEPS FQASGLSSTG SEVHQEDICS NSSRDSPEEC LSPFGRPTMS  QFDVDRLCDE HLRKRARVE NIIRGMSHSP SVALRGNENE REMAPQSVSP  RESYRENKRK QKLPQQQQQS FQQLVSARKE QKREERRQLK  QQLEDMQKQL RQLQEKFYQV YDSTDSENDE DGDLSSEDSMR SEILDARAQD  SVGRSDNEMC ELDPGQFIDR ARALIREQEM AENKPKREGS NKERDHGPN  LQPEGKHLAE TLKQELNTAM SQVVDTVVKV FSAKPSRQVP QVFPPLQIPQ  ARFAVNGENH NFHTANQRLQ CFGDVIIPNP LDTFGSVQMP SSTDQTEALP  LVVRKNSSEQ SASGPATGGH HQPLHQSPS ATAGFTTPSF RHPFPLPLMA  YPFQSPLGAP SGSFSGKDRA SPESLDLTRD TTSLRDKMSS HHLSHHPCSP  AHPSTAEGE SLSLIKSECG DLQDMSDISP YSGSAMQEGL SPNHLKKAKL  MFFYTRYPSS NMLKTYFSDV KFNRCITSQL IKWFSNFREF YIQMEKYAR  QAINDGVTST EELSITRDCE LYRALNMHYN KANDFEVPER FLEVAQITLR  EFFNAIAGK DVDPSWKKAI YKVICKLDSE VPEIFKSPNC LQELLHE</p>
<b>Source</b>	E.coli
<b>Target Names</b>	Prox1
<b>Protein Names</b>	Recommended name: Prospero homeobox protein 1 Alternative name(s): Homeobox prospero-like protein PROX1 Short name= PROX-1
<b>Expression Region</b>	1-737
<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>Reconstitution</b>	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.
<b>Shelf Life</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.