

## Prospero homeobox protein 1 (Prox1) Recombinant Protein | Prox1 recombinant protein

Recombinant Mouse Prospero homeobox protein 1 (Prox1)

CATALOG #  
AAA114102

HOST  
E Coli or Yeast or Baculovirus or Mammalian Cell

### PRODUCT SYNONYMS

Prospero homeobox protein 1 (Prox1); Recombinant Mouse Prospero homeobox protein 1 (Prox1); Prox1 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Sequence Positions      | 1-737aa; Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sequence                | MPDHDSTALL SRQTKRRRVD IGVKRTVGTA SAFFAKARAT FFSAMNPQGS EQDVEYSVVQ HADGEKSNVL<br>RKLLKRANSY EDAMMPFPGA TIISQLLKNM MNKNGGTEPS FQASGLSSTG SEVHQEDICS NSSRDSPEC<br>LSPFGRPTMS QFDVDRCLDE HLRARARVE NIIRGMSHSP SVALRGNENE REMAPQSVSP RESYRENKRK<br>QKLPQQQQQS FQQLVSARKE QKREERRQLK QQLQEDMQQL RQLQEKFYQV YDSTDSEND DGDLSSEDSMR<br>SEILDARAQD SVGRSDNEMC ELDPGQFIDR ARALIREQEM AENKPKREGS NKERDHGPNS LQPEGKHLAE<br>TLKQELNTAM SQVVDTVVKV FSAKPSRQVP QVFPPLQIPQ ARFAVNGENH NFHTANQLRQ CFGDVIIIPNP<br>LDTFGSVQMP SSTDQTEALP LVVRKNSSEQ SASGPATGGH HQPLHQSPLS ATAGFTTPSF RHPFPLPLMA<br>YPFQSPLGAP SGSFSGKDRA SPESLDLTRD TTSRLTKMSS HHLSHHPCSP AHPPTAEGL SLSLIKSECG<br>DLQDMSDISP YSGSAMQEGL SPNHLKKAKL MFFYTRYPS NMLKTYFSDV KFNRCITSQ IKWFSNREF<br>YYIQMEKYAR QAINDGVTST EELSITRDCE LYRALNMHYN KANDFEVPER FLEVAQITLR EFFNAIAGK<br>DVDPSWKKAI YKICKLDSE VPEIFKSPNC LQELLHE |
| Species                 | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

### NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 6679483                        |
| NCBI GeneID                      | 19130                          |
| NCBI Accession #                 | NP_032963.1                    |
| NCBI GenBank Nucleotide #        | NM_008937.3                    |
| UniProt Accession #              | P48437; O88478; Q3UPV1; Q543D8 |
| Molecular Weight                 | 83,126 Da                      |
| NCBI Official Full Name          | prospero homeobox protein 1    |
| NCBI Official Synonym Full Names | prospero homeobox 1            |
| NCBI Official Symbol             | Prox1                          |
| NCBI Official Synonym Symbols    | PROX-1; A230003G05Rik          |
| NCBI Protein Information         | prospero homeobox protein 1    |

|                            |                             |
|----------------------------|-----------------------------|
| UniProt Protein Name       | Prospero homeobox protein 1 |
| UniProt Gene Name          | <b>Prox1</b>                |
| UniProt Synonym Gene Names | PROX-1                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/prox1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114102>