

Recombinant Human PROX1

Cat. No. PROX1-30591TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, Human PROX1 C-terminal (547-737aa).
Species	Human
Source	E.coli
ProteinLength	191 amino acids
Description	Prospero homeobox protein 1 is a protein that in humans is encoded by the PROX1 gene.
Molecular Weight	22.400kDa
Tissue specificity	Most actively expressed in the developing lens. Detected also in embryonic brain, lung, liver and kidney. In adult, it is more abundant in heart and liver than in brain, skeletal muscle, kidney and pancreas.
Form	Lyophilised:Reconstitute in water to a concentration of 0.1-1.0mg/ml. This solution can then be diluted into other aqueous buffers.
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: PBS
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated

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freeze / thaw cycles.

Sequence Similarities Belongs to the Prospero homeobox family. Contains 1 Prospero-type homeobox DNA-binding domain.

GENE INFORMATION

Gene Name PROX1 prospero homeobox 1 [Homo sapiens]

Official Symbol PROX1

Synonyms PROX1; prospero homeobox 1; prospero related homeobox 1; prospero homeobox protein 1;

Gene ID 5629

mRNA Refseq NM_002763

Protein Refseq NP_002754

MIM 601546

Uniprot ID Q92786

Chromosome Location 1q41

Function DBD domain binding; DNA binding; LBD domain binding; ligand-dependent nuclear receptor binding; protein binding;

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