

Recombinant Human PROX1 Protein, His-tagged

Cat. No. PROX1-30H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human prospero homeobox 1 (PROX1), His400-End, with N-terminal His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	400-end a.a.
Description	The protein encoded by this gene is a member of the homeobox transcription factor family. Members of this family contain a homeobox domain that consists of a 60-amino acid helix-turn-helix structure that binds DNA and RNA. The protein encoded by this gene is conserved across vertebrates and may play an essential role during development. Altered levels of this protein have been reported in cancers of different organs, such as colon, brain, blood, breast, pancreas, liver and esophagus. Alternative splicing results in multiple transcript variants.
Molecular Mass	38 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 50 mM Tris, 8 M Urea, pH 8.0.

GENE INFORMATION

Gene Name PROX1 prospero homeobox 1 [Homo sapiens (human)]

Official Symbol PROX1

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

Gene ID 5629

mRNA Refseq NM_002763

Protein Refseq NP_002754

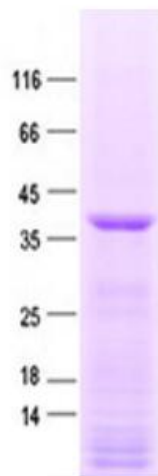
MIM 601546

UniProt ID Q92786

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SDS-PAGE

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