

Product datasheet for DA3565

PROX1 (NM_001270616) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Prox-1. The highly conserved C-terminal part of the homeobox transcription factor Prox1 was produced in <i>E. coli</i> .
Species:	Human
Expression Host:	<i>E. coli</i>
Predicted MW:	22.35 kDa
Purity:	> 95 % by SDS-PAGE and Silver staining
Buffer:	PBS
Reconstitution Method:	Restore in water to a concentration > 50 µg/ml.
Preparation:	Lyophilized protein
RefSeq:	NP_001257545
Locus ID:	5629
Cytogenetics:	1q32.3
Summary:	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. [provided by RefSeq, Jul 2012]
Protein Families:	Embryonic stem cells, ES Cell Differentiation/IPS



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Product images:

