Product datasheet for MR226744L3V

Foxn1 (NM_008238) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles
Product Name: Foxn1 (NM_008238) Mouse Tagged ORF Clone Lentiviral Particle
Symbol: Foxn1
Synonyms: D11Bhm185e; Fkh19; HFH-11; Hfh11; nu; nude; Whn
Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)
ACCN: NM_008238
ORF Size: 1944 bp
ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as (MR226744).

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

RefSeq: NM_008238.1, NP_032264.1
RefSeq Size: 3273 bp
RefSeq ORF: 1947 bp
Locus ID: 15218
Cytogenetics: 11 46.74 cM
The protein encoded by this gene is part of the forkhead family or "winged-helix" transcription factors that are important in developmental processes, immune system regulation, metabolism, cancer and aging. This gene family has over 100 members, subdivided into classes (A-Q) based on phylogeny. The encoded protein is proposed to regulate development of the thymus and differentiation of keratinocytes. Mutations in this gene cause severe primary T-cell immunodeficiency and congenital alopecia. In mouse mutations of this gene underlie the phenotype of the nude mouse, which has been widely used as a model system in oncology, immunology, dermatology, and transplantation studies. In humans mutations in this gene have been correlated with T-cell immunodeficiency, the skin disorder congenital alopecia, and nail dystrophy. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Apr 2013]