Recombinant Human OVOL1

Cat. No. OVOL1-30527TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human OVOL1 amino acids 2-100 with a N terminal proprietary tag; Predicted MWt 36.52 kDa including the tag.
Species	Human
Source	Wheat Germ
ProteinLength	99 amino acids
Description	This gene encodes a putative zinc finger containing transcription factor that is highly similar to homologous protein in Drosophila and mouse. Based on known functions in these species, this protein is likely involved in hair formation and spermatogenesis in human as well.
Molecular Weight	36.520kDa inclusive of tags
Tissue specificity	Expressed in fetal kidney, and also in adult pancreas and placenta. Not expressed in intestine, peripheral blood lymphocytes and ovary.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	PRAFLVKKPCVSTCKRNWSELPDEERGEIYVPVSLGFCPPQPYREPEPSVAEPPSC PLALNMSLRDSSYSMAPGPCVVAQLPSEDMGHLTDPQSRDHGF
Sequence Similarities	Contains 4 C2H2-type zinc fingers.

GENE INFORMATION

Gene Name	OVOL1 ovo-like 1(Drosophila) [Homo sapiens]
Official Symbol	OVOL1
Synonyms	OVOL1; ovo-like 1(Drosophila); ovo (Drosophila) homolog like 1; putative transcription factor Ovo-like 1;
Gene ID	5017
mRNA Refseq	NM_004561
Protein Refseq	NP_004552
MIM	602313
Uniprot ID	O14753
Chromosome Location	11q13
Function	DNA binding; RNA polymerase II core promoter proximal region sequence-specific

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	DNA binding transcription factor activity involved in negative regulation of transcription; metal ion binding; zinc ion binding;

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