

Recombinant Human ONECUT1

Cat. No. ONECUT1-29373TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human HNF6; amino acids 1-465, 465 amino acids, Predicted MWt 51 kDa.
Species	Human
Source	E.coli
ProteinLength	465 amino acids
Description	The protein encoded by HNF6 is Transcriptional activator. Binds the consensus sequence 5-DHWATTGAYTWWD-3 on a variety of gene promoters such as those of HNF3B and TTR. Important for liver genes transcription.
Molecular Weight	51.000kDa
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 500 mM L-arginine, 300 mM guanidine-HCl, 50 mM HEPES, 5 mM cystamine, 5 mM cysteamine, 5 mM Calcium chloride, 3 mM DTT, pH 7.5
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	ONECUT1 one cut homeobox 1 [Homo sapiens]
Official Symbol	ONECUT1
Synonyms	ONECUT1; one cut homeobox 1; HNF6, HNF6A, one cut domain, family member 1; hepatocyte nuclear factor 6; HNF 6;
Gene ID	3175
mRNA Refseq	NM_004498
Protein Refseq	NP_004489
MIM	604164
Uniprot ID	Q9UBC0
Chromosome Location	15q21.3
Pathway	Developmental Biology, organism-specific biosystem; FOXM1 transcription factor network, organism-specific biosystem; Maturity onset diabetes of the young, organism-specific biosystem; Maturity onset diabetes of the young, conserved biosystem; Regulation of beta-cell development, organism-specific biosystem;
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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