

Recombinant Human ONECUT1, GST-tagged

Cat. No. ONECUT1-1458H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ONECUT1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	167-292aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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; one cut domain family member 1; one cut domain, family member 1; hepatocyte nuclear factor 6, alpha; HNF6; HNF-6; HNF6A;

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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; Regulation of gene expression in early pancreatic precursor cells, organism-specific biosystem; Regulation of gene expression in late stage (branching morphogenesis) pancreatic bud precursor cells, 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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