

Recombinant Human ONECUT2 HEK293T cell lysate

Cat. No. ONECUT2-19HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ONECUT2 over-expression lysate was derived from Human HEK293T cell line.
Species	Human
Source	HEK293
Description	This gene encodes a member of the onecut family of transcription factors, which are characterized by a cut domain and an atypical homeodomain. The protein binds to specific DNA sequences and stimulates expression of target genes, including genes involved in melanocyte and hepatocyte differentiation.
Form	The cell lysate is provided in RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4).
Molecular Mass	54.1 kDa
Usage	1 vial of 100 g gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 g empty vector transfected control cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT)
Storage	The lysate is shipped with dry ice. Upon receiving, store the sample at -20centigrade. Lysate samples are stable for 12 months from date of receipt when stored at -

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20centigrade. Avoid repeated freeze-thaw cycles.

Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20centigrade for long term storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

Gene Name	ONECUT2 one cut homeobox 2 [Homo sapiens]
Official Symbol	ONECUT2
Synonyms	ONECUT2; one cut homeobox 2; one cut domain, family member 2; one cut domain family member 2; OC 2; onecut 2; HNF-6-beta; transcription factor ONECUT-2; hepatocyte nuclear factor 6-beta; ONECUT-2 homeodomain transcription factor; OC2; OC-2; MGC120377; MGC120378;
Gene ID	9480
mRNA Refseq	NM_004852
Protein Refseq	NP_004843
MIM	604894
UniProt ID	O95948
Chromosome Location	18q21.31
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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