



# Recombinant Human One cut domain family member 2 (ONECUT2)

<b>Product Code</b>	CSB-YP016337HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O95948
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>MKAAYTAYRC LTKDLEGCAM NPELTMESLG TLHGPAAGGS  GGGGGGGGGG GGGGPGHEQE LLASPSPHHA GRGAAGSLRG  PPPPPTAHQE LGTAAAAAAA ASRSAMVTSM ASILDGGDYR PELSIPLHHA  MSMSCDSSPP GMGMSNTYTT LTPLQLPPI STVSDKFHHP HPHHHPHHHH  HHHHQRLSGN VSGSFTLMRD ERGLPAMNNL YSPYKEMPGM SQSLSPLAAT  PLGNLGLGLH NAQQSLPNYG PPGHDKMLSP NFDAHHTAML  TRGEQHLSRG LGTPPAAMMS HLNGLHHPGH TQSHGPVLAP SRERPPSSSS  GSQVATSGQL EEINTKEVAQ RITAEKRYIS IPQAIFAQRV LCRSQGTLSD  LLRNPKPWSK LKSGRETFRR MWKWLQEPEF QRMSALRLAA  CKRKEQEPNK DRNNSQKKSRLVFTDLQRRT LFAIFKENKR PSKEMQITIS  QQLGLELTTV SNFFMNARRR SLEKWQDDLS TGGSSSTSST CTKA</p>
<b>Source</b>	Yeast
<b>Target Names</b>	ONECUT2
<b>Protein Names</b>	Recommended name: One cut domain family member 2 Alternative name(s): Hepatocyte nuclear factor 6-beta Short name= HNF-6-beta One cut homeobox 2 Transcription factor ONECUT-2 Short name= OC-2
<b>Expression Region</b>	1-504
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.