



Recombinant Human One cut domain family member 2 (ONECUT2)

Product Code	CSB-MP016337HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95948
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	<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>
Source	Mammalian cell
Target Names	ONECUT2
Protein Names	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
Expression Region	1-504
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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.