Recombinant Human Dr1-associated corepressor (DRAP1)

Product Code	CSB-BP618916HU
Abbreviation	DRAP1
Storage	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.
Uniprot No.	Q14919
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	PSKKKKYNA RFPPARIKKI MQTDEEIGKV AAAVPVIISR ALELFLESLL KKACQVTQSR NAKTMTTSHL KQCIELEQQF DFLKDLVASV PDMQGDGEDN HMDGDKGARR GRKPGSGGRK NGGMGTKSKD KKLSGTDSEQ EDESEDTDTD GEEETSQPPP QASHPSAHFQ SPPTPFLPFA STLPLPPAPP GPSAPDEEDE EDYDS
Source	Baculovirus
Target Names	DRAP1
Protein Names	Recommended name: Dr1-associated corepressor Alternative name(s): Dr1-associated protein 1 Negative co-factor 2-alpha Short name= NC2-alpha
Expression Region	2-205
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 of Mature Protein
Target Details	Transcriptional repression is a general mechanism for regulating transcriptional initiation in organisms ranging from yeast to humans. Accurate initiation of transcription from eukaryotic protein-encoding genes requires the assembly of a large multiprotein complex consisting of RNA polymerase II and general transcription factors such as TFIIA, TFIIB, and TFIID. DR1 is a repressor that interacts with the TATA-binding protein (TBP) of TFIID and prevents the formation of an active transcription complex by precluding the entry of TFIIA and/or TFIIB into the preinitiation complex. This protein is a corepressor of transcription that interacts with DR1 to enhance DR1-mediated repression. The interaction between this corepressor and DR1 is required for corepressor function and appears to stabilize the TBP-DR1-DNA complex.
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.