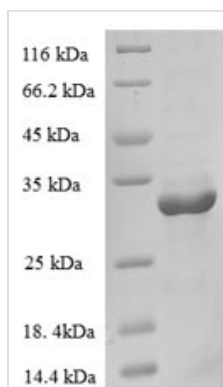




Recombinant Human Cellular nucleic acid-binding protein (CNBP)

Product Code	CSB-EP005637HU
Relevance	Single-stranded DNA-binding protein, with specificity to the sterol regulatory element (SRE). Involved in sterol-mediated repression.
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.	P62633
Storage Buffer	Tris-based buffer, 50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SSNECFKCGRSGHWARECPTGGGRGRGMRSRGRGFQVSSSLPDICYRCG ESGHLAKDCDLQEDACYNCGRGGHIAKDCKEPREREQCCYNCGKPGHLAR DCDHADEQKCYSCGEFGHIQKDCTKVKCYRCGETGHVAINCSKTSEVNCYRC GESGHLARECTIEATA
Lead Time	3-7 business days
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Gene Names	CNBP
Expression Region	2-170aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	34.6kDa
Protein Description	Full Length of Mature Protein of Isoform 2
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Incorporation of the gene encoding the Human CNBP protein (2-170aa) into a plasmid vector forms recombinant plasmid, which is then transformed into e.coli cells. baculovirus cells containing the recombinant plasmid that can survive in the presence of a specific antibiotic are selected and cultured under conditions conducive to the expression of the gene of interest. The protein features a N-terminal 6xHis-SUMO tag fusion. Following expression, the recombinant Human CNBP protein is isolated and purified from the cell lysate using affinity purification. Denaturing SDS-PAGE is then employed to resolve the resulting recombinant protein, demonstrating a purity greater than 90%.