



Recombinant Human Cellular retinoic acid-binding protein 1 (CRABP1)

Product Code	CSB-MP005935HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P29762
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	PNFAGTWKM RSSENFDELL KALGVNAMLK KVAVAAASKP HVEIRQDGDQ FYIKTSTTVR TTEINFKVG EGFEEETVDGR KCRSLATWEN ENKIHCTQTL LEGDGPKTYW TRELANDELI LTFGADDVVC TRIYVRE
Source	Mammalian cell
Target Names	CRABP1
Protein Names	Recommended name: Cellular retinoic acid-binding protein 1 Alternative name(s): Cellular retinoic acid-binding protein I Short name= CRABP-I
Expression Region	2-137
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	This gene encodes a specific binding protein for a vitamin A family member and is thought to play an important role in retinoic acid-mediated differentiation and proliferation processes. It is structurally similar to the cellular retinol-binding proteins, but binds only retinoic acid at specific sites within the nucleus, which may contribute to vitamin A-directed differentiation in epithelial tissue.
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.