



Recombinant Human Density-regulated protein (DENR)

Product Code	CSB-EP006724HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43583
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	AADISESSG ADCKGDPRNS AKLDADYPLR VLYCGVCSLP TEYCEYMPDV AKCRQWLEKN FPNEFAKLTV ENSPKQEAGI SEGQGTAGEE EEKKKQKRGG RGQIKQKKKT VPQKVTIKI PRAKKKYVTR VCGLATFEID LKEAQRFFAQ KFSCGASVTG EDEIIIQGDF TDDIIDVIQE KWPEVDDDSI EDLGEVKK
Source	E.coli
Target Names	DENR
Protein Names	Recommended name: Density-regulated protein Short name= DRP Alternative name(s): Protein DRP1 Smooth muscle cell-associated protein 3 Short name= SMAP-3
Expression Region	2-198
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 protein whose expression was found to increase in cultured cells at high density but not during growth arrest. This gene was also shown to have increased expression in cells overexpressing HER-2/neu proto-oncogene. The protein contains an SUI1 domain. In budding yeast, SUI1 is a translation initiation factor that along with eIF-2 and the initiator tRNA-Met, directs the ribosome to the proper translation start site. Proteins similar to SUI have been found in mammals, insects, and plants.
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.