



Recombinant Human Density-regulated protein (DENR)

Product Code	CSB-EP006724HU
Relevance	May be involved in the translation of target mRNAs by scanning and recognition of the initiation codon. Involved in translation initiation; promotes recruitment of aminoacylated initiator tRNA to P site of 40S ribosomes. Can promote release of deacylated tRNA and mRNA from recycled 40S subunits following ABCE1-mediated dissociation of post-termination ribosomal complexes into subunits. Plays a role in the modulation of the translational profile of a subset of cancer-related mRNAs when recruited to the translational initiation complex by the oncogene MCTS1.
Abbreviation	Recombinant Human DENR protein
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.	O43583
Alias	Protein DRP1 Smooth muscle cell-associated protein 3 ;SMAP-3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	AADISESSGADCKGDPRNSAKLDADYPLRVLYCGVCSLPTEYCEYMPDVAKC RQWLEKNFPNEFAKLTVENSPKQEAGISEGQGTAGEEEEEKKKQKRGGRGQIK QKKKTVPQKVTIAKIPRAKKKYVTRVCGLATFEIDLKEAQRFFAQKFSCGASVT GEDEIIIQGDFTDDIIDVIQEKWPEVDDDSIEDLGEVKK
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	DENR
Expression Region	2-198aa
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	38.0kDa
Protein Length	Full Length of Mature Protein
Image	

