

Recombinant Human DENR, His-tagged

Cat. No. DENR-28065TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-198 of Human Density Regulated Protein with N terminal His tag; Predicted MWt 23 kDa.
Species	Human
Source	E.coli
ProteinLength	1-198 a.a.
Description	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.
Conjugation	HIS
Tissue specificity	Highly expressed in heart and skeletal muscle and moderately expressed in the brain, placenta, liver and pancreas. Weakly expressed in the lung and kidney.
Form	Lyophilised:Reconstitute with 96 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium

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	phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MAADISESSGADCKGDPRNSAKLDADYPLRVLYCGVCSLP TEYCEYMPDVAKCRQ WLEKNFPNEFAKLTVENSPKQEA GISEGQGTAGEEEEEKKKQKRGGRGQIKQKKKT VPQKVT IAKIPRAKKKYVTRVCGLATFEIDLKEAQRFFAQKFSC GASVTGEDEIIQG DFTDDIIDVIQEKWPEVDDDSIEDLGEVKK
Sequence Similarities	Belongs to the DENR family.Contains 1 SUI1 domain.
Full Length	Full L.

GENE INFORMATION

Gene Name	DENR density-regulated protein [Homo sapiens]
Official Symbol	DENR
Synonyms	DENR; density-regulated protein; DRP; DRP1; SMAP 3;
Gene ID	8562
mRNA Refseq	NM_003677
Protein Refseq	NP_003668
MIM	604550
Uniprot ID	O43583

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Chromosome Location	12q24.31
Function	molecular_function; protein binding; translation initiation factor activity;