

Recombinant Human DENR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DENR-3927H Lot. No. (See product label)

SPECIFICATION

Product Overview	DENR MS Standard C13 and N15-labeled recombinant protein (NP_003668) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	22.1 kDa
AA Sequence	MAADISESSGADCKGDPRNSAKLDADYPLRVLYCGVCSLPTEYCEYMPDVAKCRQ WLEKNFPNEFAKLTVENSPKQEAGISEGQGTAGEEEEEKKKQKRGGRGQIKQKKKT PQKVTIKIPRAKKKYVTRVCGLATFEIDLKEAQRFFAQKFSCGASVTGEDEIIQGD TDDIIDVIQEKWPEVDDDSIEDLGEVKKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

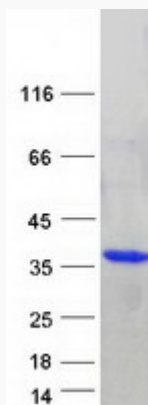
Gene Name	DENR density-regulated protein [Homo sapiens (human)]
Official Symbol	DENR
Synonyms	DENR; density-regulated protein; DRP; DRP1; SMAP 3; smooth muscle cell associated protein-3; smooth muscle cell-associated protein 3; SMAP-3;
Gene ID	8562
mRNA Refseq	NM_003677
Protein Refseq	NP_003668
MIM	604550
UniProt ID	O43583

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SDS-PAGE



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