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**Product Data Sheet**


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Product Name: DENR Human  
 Cat. No.: GP23314  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Density-regulated protein; DRP; Protein DRP1; Smooth muscle cell-associated protein 3; SMAP-3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MAADISESSG ADCKGDPRNS AKLDADYPLR VLYCGVCSLP TEYCEYMPDV AKCRQWLEKN FPNEFAKLTV ENSPKQEAGI SEGQGTAGEE EEKKKQKRGG RGQIKQKKKT VPQKVTIAKI PRAKKKYVTR VCGLATFEID LKEAQRFFAQ KFSCGASVTG EDEIIIQGDF TDDIIDVIQE KWPEVDDDSI EDLGEVKK		
Formulation	The DENR solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 2mM DTT and 20% glycerol.		

**Introduction**

DENR takes part in the translation of target mRNAs by scanning and recognizing the initiation codon. DENR protein is involved in the intonation of the translational profile of a subset of cancer-related mRNAs when engaged to the translational initiation complex by the oncogene MCTS1.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

DENR Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 218 amino acids (1-198) and having a molecular mass of 24.3 kDa. The DENR is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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