

DENR Human

Description: 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.

Catalog #: PRPS-933

For research use only.

Synonyms: Density-regulated protein, DRP, Protein DRP1, Smooth muscle cell-associated protein 3, SMAP-3.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MAADISESSG ADCKGDPRNS
AKLDADYPLR VLYCGVCSLP TEYCEYMPDV AKCRQWLEKN FPNEFAKLTV ENSPKQEAGI
SEGQGTAGEE EEKKKQKRGG RGQIKQKKKT VPQKVTIAKI PRAKKKYVTR VCGLATFEID
LKEAQRFFAQ KFSCGASVTG EDEIIQGFDF TDDIIDVIQE KWPEVDDDSI EDLGEVKK

Purity: Greater than 85% as determined by SDS-PAGE.

Formulation:

The DENR solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 2mM DTT and 20% glycerol.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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