

Density-Regulated Protein Human Recombinant

Item Number	rAP-4500
Synonyms	Density-regulated protein, DRP, Protein DRP1, Smooth muscle cell-associated protein 3, SMAP-3.
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.
Uniprot Accession Number	O43583
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAADISESSG ADCKGDPRNS AKLDADYPLR VLYCGVCSLP TEYCEYMPDV AKCRQWLEKN FPNEFAKLTV ENSPKQEAGI SEGQGTAGEE EEKKKQKRGG RGQIKQKKKT VPQKVTIKI PRAKKKYVTR VCGLATFEID LKEAQRFFAQ KFSCGASVTG EDEIIHQGDF TDDIIDVIQE KWPEVDDDSI EDLGEVKK
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The DENR solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 2mM DTT and 20% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**