

Down-Regulator of Transcription 1 Human Recombinant

Item Number	rAP-4401
Synonyms	NC2, NC2-BETA, Negative cofactor 2-beta.
Description	DR1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 196 amino acids (1-176 a.a.) and having a molecular mass of 21.6 kDa. The DR1 is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q01658
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MASSSGNDDD LTIPRAAINK MIKETLPNVR VANDARELVV NCCTEFIH-LI SSEANEICNK SEKKTISPEH VIQALESLGF GSYISEVKEV LQECKTVALK RRKASSRLEN LGIPEEELLR QQQELFAKAR QQQAELAQQE WLQMQQAAQQ AQLAAASASA NQAGSSQDE EDDDDI.
Source	Escherichia 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	DR1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.1mM PMSF, 0.1M NaCl & 10% glycerol. Greater than 85.0% 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**