

Relaxin-2 Human Recombinant

Item Number	rAP-4649
Synonyms	Prorelaxin H2, RLN2, H2, RLXH2, H2-RLX, bA12D24.1.1, bA12D24.1.2.
Description	RLN2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 184 amino acids (25-185 a.a) and having a molecular mass of 20.7kDa.RLN2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P04090
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSDSWMEEV IKLCGRELVR AQIAICGMST WSKRSLSQED APQTPRPVAE IVPSFINKDT ETINMMSEFV ANLPQELKLT LSEMQPALPQ LQQHVPVLKD SLLFEEFKK LIRNRQSEAA DSSPSELKYL GLDTHSRKKR QLYSALANKC CHVGCTKRSL ARFC.
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	RLN2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 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**