

Paralemmin Human Recombinant

Item Number	rAP-4201
Synonyms	Paralemmin-1, Paralemmin, PALM, KIAA0270, Paralemmin-1 isoform 1.
Description	PALM Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 410 amino acids (1-387) and having a molecular mass of 44.5kDa. PALM is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O75781
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEVLAAE TTSQQLRLQA IAEKRKRQAE IENKRRQLED ERRQLQHLKS KALRERWLL E GTPSSASEGD EDLRRQMDD EQKTRLLED S VSRLEKEIEV LERGDSAPAT AKENAAAPSP VRAPAPSPAK EERKTEVVMN SQQTPVGTPK DKRVSNTPLR TVDG- SPMMKA AMYSVEITVE KDKVTGETRV LSSTLLPRQ PLPLGIKVEY DETKVVHAVD GTAENGIHPL SSSEVDELIH KADEVTLSEA GSTAGAAETR GAVEGAARTT PSRREITGVQ AQPGEATSGP PGIQPGQEPP VTMIFMGYQN VEDEAETKKV LGLQDTITAE LVVIEDAAEP KEPAPPNGSA
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 PALM solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. 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**