ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

GrpE-Like 1 Human Recombinant

Item Number	rAP-4347
Synonyms	HMGE, GrpE-like protein cochaperone, GREPEL1, FLJ25609.
Description	GRPEL1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 211 amino acids (28 -217a.a.) and having a molecular mass of 23.6kDa.GRPEL1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9HAV7
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MCTATKQKNS GQNLEEDMGQ SEQKADPPAT EKTLLEEKVK LEEQL-KETVE KYKRALADTE NLRQRSQKLV EEAKLYGIQA FCKDLLEVAD VLEKATQCVP KEEIKDDNPH LKNLYEGLVM TEVQIQKVFT KHGLLKLNPV GAKFDPYEHE ALFHTPVEGK EPGTVALVSK VGYKLHGRTL RPALVGVVKE A
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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).Please avoid freeze thaw cycles.
Formulation and Purity	The GRPEL1 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 1mM DTT and 10% glycerol. Greater than 90% 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