9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GRPEL1 Human

GrpE-Like 1 Human Recombinant
RCP0974

Product Overview

Name	GRPEL1 Human
Description	
GrpE-Like 1 Human Recombinant	
Accession (Primary)	Q9HAV7
Synonyms	
HMGE, GrpE-like protein cochaperone, GREPEL1, FLJ25609.	
Introduction	
GRPEL1 is a vital component of the PAM complex, a complex necessary for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. GRPEL1 protein controls the nucleotide-dependent binding of mitochondrial HSP70 to substrate proteins.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The GRPEL1 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 1mM DTT and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M CTATKQKNS GQNLEEDMGQ SEQKADPPAT EKTLLEEKVK LEEQLKETVE KYKRALADTE NLRQRSQKLV EEAKLYGIQA FCKDLLEVAD VLEKATQCVP KEEIKDDNPH LKNLYEGLVM TEVQIQKVFT KHGLLKLNPV GAKFDPYEHE ALFHTPVEGK EPGTVALVSK VGYKLHGRTL RPALVGVVKE A	
Precautions	
GRPEL1 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q9HAV7)