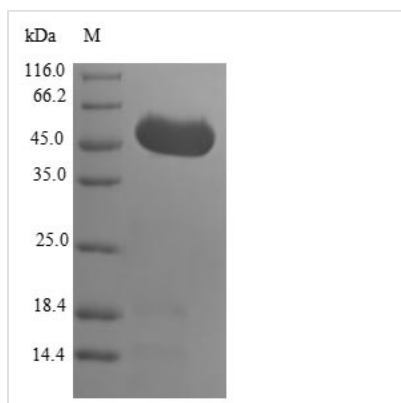




Recombinant Human GrpE protein homolog 1, mitochondrial (GRPEL1)

Product Code	CSB-EP875707HU
Relevance	Essential component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. Seems to control the nucleotide-dependent binding of mitochondrial HSP70 to substrate proteins.
Abbreviation	GRPEL1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9HAV7
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAAQCVRLARRSLPALALSLRPSRLLCTATKQKNSGQNLEEDMGQSEQKAD PPATEKTLLEEKVKLEEQLKETVEKYKRALADTENLRQRSQKLVEEAKLYGIQA FCKDLLEVADVLEKATQCVPKKEIKDDNPHLKNLYEGLVMTEVQIQKVFTKHGL LKLNPVGAKFDPYEHEALFHTPVVEGKEPGTVALVSKVGYKLHGRTLRLPALVGV VKEA
Research Area	Signal Transduction
Source	E.coli
Gene Names	GRPEL1
Protein Names	Recommended name: GrpE protein homolog 1, mitochondrial Alternative name(s): HMGE Mt-GrpE#1
Expression Region	1-217aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	51.2 kDa
Protein Description	Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.