GRPEL2 Lysate – Tissue Lysate

PRODUCT OVERVIEW

Product Name	GRPEL2, Lysate
Full Product Name	Human GRPEL2 Protein Lysate
Product Gene Name	GRPEL2 lysate
Product Synonym Names	GRPEL2; Mt-GrpE#2; Mt-GrpE#2
Host	Human
Form/Format	Lyophilized
Preparation and Storage	Store at -20 degree C Once reconsituted, aliquot and store any remaining material at-20 degree C to avoid repeated freeze-thaw cycles.
Molecular Weight	25kDa
3D Structure	ModBase 3D Structure for Q8TAA5
Related Product Information for GRPEL2 lysate	Human GRPEL2 Protein Lysate 20ug is provided as a Lyophilized powder. This is a Recombinant Protein Lysate produced in HEK293T cells. This protein lysate can be reconsituted using SDS Sample Buffer.
Other Notes	Small volumes of GRPEL2 lysate vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for GRPEL2 purchase	MBS8412612 is a lysate targeting GRPEL2. Also known as Human GRPEL2 Protein Lysate. Host: Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GRPEL2. It may not necessarily be applicable to this product.

NCBI GI #	40255109
NCBI GeneID	134266
NCBI Accession #	NP_689620
UniProt Primary Accession #	Q8TAA5
UniProt Related Accession #	Q8TAA5
GenBank Nucleotide #	NM_152407
NCBI Official Full Name	grpE protein homolog 2, mitochondrial
NCBI Official Synonym Full Names	GrpE like 2, mitochondrial
NCBI Official Symbol	GRPEL2
NCBI Official Synonym Symbols	Mt-GrpE#2
UniProt Protein Name	GrpE protein homolog 2, mitochondrial
UniProt Synonym Protein Names	Mt-GrpE#2
Protein Family	GrpE protein

UniProt Gene Name	GRPEL2
UniProt Entry Name	GRPE2_HUMAN
NCBI Protein Information	grpE protein homolog 2, mitochondrial
Research Articles on GRPEL2	**1.** The dimerization of GRPEL2 may activate the folding machinery responsible for protein import into mitochondrial matrix or enhance the chaperone activity of mitochondrial HSP70, thus protecting mitochondrial proteostasis in oxidative stress.
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