

Recombinant Human GRPEL1 protein, GST-tagged

Cat. No. GRPEL1-301516H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRPEL1 (1-217 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ala217
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MAAQCVRLLARRSLPALALSLRPSRLLCTATKQKNSGQNLEEDMGQSEQKADPPAT EKTLLLEEKVKLEEQLKETVEKYKRALADTENLRQRSQKLVEEAKLYGIQAFCKDLLEV ADVLEKATQCVPKKEIKDDNPHLKNLYEGLVMTEVQIQKVFTKHGLLKLNPVGAKFD PYEHEALFHTPVGKEPGTVALVSKVGYKLHGRTLRLPALVGVVKEA
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

GENE INFORMATION

Gene Name GRPEL1 GrpE-like 1, mitochondrial (E. coli) [Homo sapiens]

Official Symbol GRPEL1

Synonyms GRPEL1; GrpE-like 1, mitochondrial (E. coli); grpE protein homolog 1, mitochondrial; FLJ25609; HMGE; mt-GrpE#1; GrpE-like protein cochaperone;

Gene ID 80273

mRNA Refseq NM_025196

Protein Refseq NP_079472

MIM 606173

UniProt ID Q9HAV7

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