

Toxin RelG (relG) Recombinant Protein | relG recombinant protein

Recombinant Toxin RelG (relG)

CATALOG # AAA114677	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Toxin RelG (relG); Recombinant Toxin RelG (relG); Toxin RelG; EC=3.1.-.-; Putative endoribonuclease RelG; relG recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-87aa; Full Length
Sequence	MPYTVRFTTT ARDDLHLKPP RILAAVVEFA FGDLSREPLR VGKPLRRELA GTFSARRGTY RLLYRIDDEH TTVVILRVDH RADIYRR
Sequence Length	87
Species	Mycobacterium tuberculosis
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for relG recombinant protein	Toxic component of a toxin-antitoxin (TA) module. Has RNase activity and preferentially cleaves at the 3'-end of purine ribonucleotides. Overexpression in M.tuberculosis or M.smegmatis inhibits colony formation in a bacteriostatic rather than bacteriocidal fashion. Its toxic effect is neutralized by coexpression with cognate antitoxin RelB2 (shown only for M.smegmatis). Overexpression also increases the number of gentamicin-tolerant and levofloxacin-tolerant persister cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15610003
NCBI GeneID	13317658
NCBI Accession #	NP_217382.1
NCBI GenBank Nucleotide #	NC_000962.3
UniProt Accession #	O33348; LOTDL2

Molecular Weight	26.2 kDa
NCBI Official Full Name	toxin RelG
NCBI Official Symbol	RVBD_2866
NCBI Protein Information	toxin RelG
UniProt Protein Name	Toxin RelG
UniProt Gene Name	relG
UniProt Synonym Gene Names	relE2
UniProt Entry Name	RELG_MYCTU

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/relg-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114677>