

Recombinant *Acinetobacter baumannii* Elongation factor Tu

Catalog No: #AP72831

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Package Size: #AP72831-1 20ug #AP72831-2 100ug #AP72831-3 1mg

Description

Product Name	Recombinant <i>Acinetobacter baumannii</i> Elongation factor Tu
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-396aaSequence Info:Full Length
Accession No.	A3M1F6
Uniprot	B7H1K5
GeneID	31350097;
Calculated MW	44.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MAKAKFERNKPHVNVGTIGHVDHGKTTLTAAIATICAITYGGEAKDYSQIDSAPEEKARGITINTSHVEYDSPTR HYAHVDCPGHADYVKNMITGAAQMDGAILVCAATDGPMPQTRHILLSRQVGVPIIVFLNKCDLVDEELLE VEMEVRELLSTYDFPGDDTPVIRGSALAALNGEAGPYGEESVLALVAALDSYIPEPERAIDKAFLMPIEDVFSIS GRGTVTGRVEAGIIVKVGEEVEIVGKDTVKTTVTGVMFRKLLDEGRAGENCILLRGTKREEVQRGQVLAKP GTIKPHTKFDAEYVLSKEEGRHTPFLNGYRPQFYFRTTDVTGAIQLKEGVEMVMPGDNVEMSVELIHPAM DPGLRFAIREGGRTVGAGVVAKVTA
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis.

References

New insights into *Acinetobacter baumannii* pathogenesis revealed by high-density pyrosequencing and transposon mutagenesis.Smith M.G., Gianoulis T.A., Pukatzki S., Mekalanos J.J., Ornston L.N., Gerstein M., Snyder M.Genes Dev. 21:601-614(2007)Research Topic:Others

Note: This product is for in vitro research use only