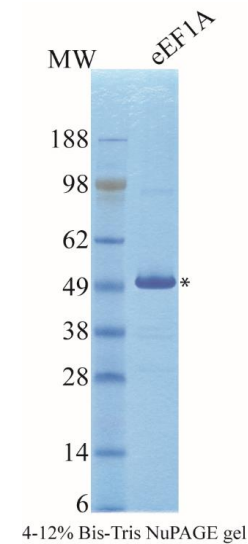


eEF1A, Rabbit Reticulocytes

CATALOG NO:	P1315-10	10 µg
ALTERNATE NAMES:	Elongation factor 1-alpha 1, EF-1-alpha-1, Elongation factor Tu, EF-Tu, Eukaryotic elongation factor 1 A-1, EEF1A1	
CONCENTRATION:	1.3 µg/ µl	
SOURCE:	Rabbit Reticulocytes	
MOL. WEIGHT:	50 kDa	
EXT. COEFFICIENT:	1.13	
PURITY:	≥99% by SDS-PAGE	
FORM:	Liquid	
FORMULATION:	In 20 mM HEPES pH 7.5, 100 mM KCl, 0.1 mM EDTA, 1 mM DTT, and 25 % glycerol	
STORAGE CONDITIONS:	Store at -70°C. For long term storage aliquot and store at -70°C.	
DESCRIPTION:	eEF1 promotes the GTP-dependent binding of elongator aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis. With PARP1 and TXK, forms a complex that acts as a T helper 1 (Th1) cell-specific transcription factor and binds the promoter of IFN-gamma to directly regulate its transcription, and is thus involved importantly in Th1 cytokine production.	
REFERENCES:	Pisareva V.P., Muslimov I.A., Tcherepanov A., Pisarev A.V. (2015) Characterization of Novel Ribosome-Associated Endoribonuclease SLFN14 from Rabbit Reticulocytes. <i>Biochemistry</i> 54: 3286–3301.	



eEF1A from Rabbit Reticulocytes

RELATED PRODUCTS:

- 40S ribosomal subunit, Rabbit Reticulocytes (**Cat. No. P1313**)
- 60S ribosomal subunit, Rabbit Reticulocytes (**Cat. No. P1314**)
- eEF2, Rabbit Reticulocytes (**Cat. No. P1316**)
- eIF2, Rabbit Reticulocytes (**Cat. No. P1317**)
- eIF3, Rabbit Reticulocytes (**Cat. No. P1318**)

FOR RESEARCH USE ONLY! Not to be used on humans.