9051 Mira Mesa Blvd, #910094
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EEF1G Human

Eukaryotic Translation Elongation Factor 1 Gamma Human Recombinant RCP0709

Product Overview

Name	EEF1G Human
Description	
Eukaryotic Translation Elongation Factor 1 Gamma Human Recombinant	
Accession (Primary)	P26641
Synonyms	
EF1G, GIG35, Elongation factor 1-gamma, Eukaryotic Translation Elongation Factor 1 Gamma, EEF1G, EF-1-gamma, eEF-1B gamma, PRO1608.	
Introduction	
Eukaryotic Translation Elongation Factor 1 Gamma (EEF1G) takes part in anchoring the complex to additional cellular components. EEF1G is a multi-protein complex which is in charge of the delivery of aminoacyl-tRNAs to the ribosome. Over expression of EEF1G is linked with pancreatic cancer, due to the role of EEF1G protein in the oncogenic transformation process.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The EEF1G solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAAGTLY TYPENWRAFK ALIAAQYSGA QVRVLSAPPH FHFGQTNRTP EFLRKFPAGK VPAFEGDDGF CVFESNAIAY YVSNEELRGS TPEAAAQVVQ WVSFADSDIV PPASTWVFPT LGIMHHNKQA TENAKEEVRR ILGLLDAYLK TRTFLVGERV TLADITVVCT LLWLYKQVLE PSFRQAFPNT NRWFLTCINQ PQFRAVLGEV KLCEKMAQFD AKKFAETQPK KDTPRKEKGS REEKQKPQAE RKEEKKAAAP	

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APEEEMDECE QALAAEPKAK DPFAHLPKST FVLDEFKRKY SNEDTLSVAL PYFWEHFDKD GWSLWYSEYR FPEELTQTFM SCNLITGMFQ RLDKLRKNAF ASVILFGTNN SSSISGVWVF RGQELAFPLS PDWQVDYESY TWRKLDPGSE ETQTLVREYF SWEGAFQHVG KAFNQGKIFK.

Precautions

EEF1G Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P26641)