

## **Product datasheet for AR51583PU-N**

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## EEF1G (1-437, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** EEF1G (1-437, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

**Expression cDNA Clone** 

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMAAGTLY 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 APEEEMDECE QALAAEPKAK DPFAHLPKST FVLDEFKRKY SNEDTLSVAL PYFWEHFDKD GWSLWYSEYR FPEELTQTFM SCNLITGMFQ RLDKLRKNAF ASVILFGTNN SSSISGVWVF RGQELAFPLS PDWQVDYESY TWRKLDPGSE

ETQTLVREYF SWEGAFQHVG KAFNQGKIFK

Tag: His-tag

Predicted MW: 52.5 kDa

Concentration: lot specific

Purity: >90% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM

DTT

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human EEF1G protein, fused to His-tag at N-terminus, was expressed in E.coli

and purified by using conventional chromatography techniques.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid

repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** NP 001395

**Locus ID:** 1937





**UniProt ID:** P26641, Q53YD7

11q12.3 **Cytogenetics:** 

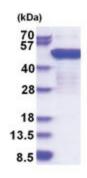
EF1G; GIG35 Synonyms:

**Summary:** This gene encodes a subunit of the elongation factor-1 complex, which is responsible for the

> enzymatic delivery of aminoacyl tRNAs to the ribosome. This subunit contains an N-terminal glutathione transferase domain, which may be involved in regulating the assembly of multisubunit complexes containing this elongation factor and aminoacyl-tRNA synthetases.

[provided by RefSeq, Jul 2008]

## **Product images:**



15% SDS-PAGE (3ug)