

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### EEF1B2 Peptide

Cat No.: BS5708P

#### Background

EF-1 (elongation factor-1) is a multi-protein complex that is responsible for the delivery of aminoacyl-tRNAs to the ribosome. The EF-1 protein complex is composed of four subunits: EF-1  $\alpha$ , EF-1  $\beta$ , EF-1  $\delta$  and EF-1  $\gamma$ . EF-1  $\beta$  is a 225 amino acid member of the EF-1  $\beta$ /EF-1  $\delta$  protein family and contains one GST C-terminal domain. Both EF-1  $\beta$  and EF-1  $\delta$  stimulate the exchange of GDP bound to EF-1  $\alpha$  to GTP. Phosphorylation of EF-1  $\beta$  affects the GDP/GTP exchange rate. Alternative splicing events of the gene that encodes EF-1  $\beta$  result in three transcript variants that differ only in the 5' UTR.

#### Swiss-Prot

P24534

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS5708 EEF1B2 pAb.

#### Purification & Purity

Synthetic peptide EEF1B2. (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.