

32-7198: Recombinant Human Eukaryotic Translation Initiation Factor 1B/EIF1B (N-6His)

Gene : EIF1B
Gene ID : 10289
Uniprot ID : O60739

Description

Source: E.coli.
MW :15kD.

Recombinant Human EIF1B is produced by our E.coli expression system and the target gene encoding Met1-Phe113 is expressed with a 6His tag at the N-terminus. Eukaryotic Translation Initiation Factor 1B (EIF1B) is an element of a complex involved in recognition of the initiator codon during the scanning process. Translation is also initiated by the function of EIF1B in regulating the activity of ribosomal subunits 43S, 48S and 40S. EIF1B enables 43S ribosomal complexes to distinguish between cognate and near-cognate initiation codons, perceiving the nucleotide content of initiation codons.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 500mM NaCl, pH 8.0.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : MGSSHHHHHHSSGLVPRGSHMSTIQNLQSFDPFADATKGDDLLPAGTEDYIHRIQQRNGRKTLTTVQGIADDYDKKKLVKAFKKKFACNGTVIEHPEYGEVIQLQGDQRKNICQFLLEVGVGIVKEEQLKVHGF

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.