

32-9232: Recombinant Human EIF1A, X-Chromosomal/EIF1AX (N-6His)

Alternative Name : Eukaryotic Translation Initiation Factor 1A X-Chromosomal, eIF-1A X Isoform, Eukaryotic Translation Initiation Factor 4C, eIF-4C, EIF1AX, EIF1A, EIF4C

Description

Source : E. coli;

Eukaryotic Translation Initiation Factor 1A, X-Chromosomal (EIF1AX) is an essential eukaryotic translation initiation factor that belongs to the eIF-1A family. EIF1AX is required for the binding of the 43S complex (a 40S subunit, eIF2/GTP/Met-tRNAⁱ and eIF3) to the 5' end of capped RNA and has been shown to interact with IPO13. EIF1AX contains one S1-like domain and seems to be required for maximal rate of protein biosynthesis. Enhances ribosome dissociation into subunits and stabilizes the binding of the initiator Met-tRNA(I) to 40 S ribosomal subunits.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Amino Acid : Recombinant Human EIF1AX is produced by our E.coli expression system and the target gene encoding Met1-Ile144 is expressed with a 6His tag at the N-terminus.