

Recombinant Human EIF1A, X-Chromosomal/EIF1AX Protein(N-6His)

Cat.NO.: TP05959

3th Edition

Synonyms:Eukaryotic Translation Initiation Factor 1A X-Chromosomal; eIF-1A X Isoform; Eukaryotic Translation Initiation Factor 4C; eIF-4C; EIF1AX; EIF1A; EIF4C

Description: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-tRNA_i 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.

Form:PBS

Molecular Weight:18.6 kDa

Sequences:Met 1-Ile144

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.