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Product Datasheet

Recombinant Human EIF1AX (N-6His) EBT-EPT142

Artikelname	Recombinant Human EIF1AX (N-6His)
Artikelnummer	EBT-EPT142
Hersteller Artikelnummer	EPT142
Alternativnummer	EBT-EPT142-10
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	Recombinant Human Eukaryotic Translation Initiation Factor 1A, X-Chromosomal 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....
Molekulargewicht	Molecular weight: 18.6 KDa. Apparent molecular weight: 22 KDa, reducing conditions
UniProt	P47813
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

Anwendungsbeschreibung	Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: 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
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