

Product Data Sheet

Product Name: EIF1AX Human

Cat. No.: GC26164

Chemical Properties

Cas. No.

Formula

M.Wt

Solubility

Storage Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

EIF1AX is an important eukaryotic translation initiation factor. EIF1AX is essential for the binding of

Caution: Product has not been fully validated for medical applications. For research use only.

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the 43S complex (a 40S subunit, eIF2/GTP/Met-tRNA_i and eIF3) to the 5' end of capped RNA. EIF1AP1 is needed for maximal rate of protein biosynthesis. EIF1AX increases ribosome dissociation into subunits and stabilizes the binding of the initiator Met-tRNA (I) to 40 S ribosomal subunits.

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