





Recombinant Human Inosine triphosphate pyrophosphatase (ITPA)

Product Code CSB-EP874838HU Relevance Pyrophosphatase that hydrolyzes the non-canonical purine nucleotides inosine triphosphate (ITP), deoxyinosine triphosphate (IdTP) as well as 2'-deoxy-N-6-hydroxylaminopurine triposphate (EH7PP) and xanthosine 5'-triphosphate (XTP) to their respective monophosphate derivatives. The enzyme does not distinguish between the deoxy- and ribose forms. Probably excludes non-canonical purines from RNA and DNA precursor pools, thus preventing their incorporation into RNA and DNA precursor pools, thus preventing their incorporation into RNA and DNA and avoiding chromosomal lesions. Abbreviation Recombinant Human ITPA protein Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. Uniprot No. Q9BY32 Alias Non-canonical purine NTP pyrophosphatase Non-standard purine NTP pyrophosphatase Nucleoside-triphosphate diphosphatase Nucleoside-triphosphate pyrophosphatase Nucleoside-triphosphate pyrophosphatase Nucleoside-triphosphate pyrophosphatase Nucleoside-triphosphates Pyrophosphates Nucleoside-triphosphates Pyrophosphates Nucleoside-triphosphates Pyrophosphates Nucleoside-triphosphates Pyrophosphates Nucleoside-triphosphates Pyrophosphates Pyrophosphates Pyrophosphates Pyrophosphates Pyrophosphatase Pyro		
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	Notes	
Mol. Weight 48.3kDa	Tag Info	N-terminal GST-tagged
	Mol. Weight	48.3kDa







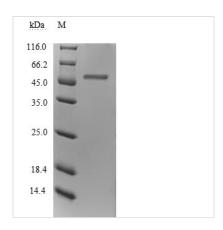




Protein Length

Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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