

AU RNA Binding Protein/Enoyl-CoA Hydratase Human Recombinant

Item Number	rAP-1160
Synonyms	Methylglutaconyl-CoA hydratase, mitochondrial, AU-specific RNA-binding enoyl-CoA hydratase, AU-binding protein/enoyl-CoA hydratase, AUH.
Description	AUH Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 293 amino acids (68-339 a.a.) and having a molecular mass of 31.4kDa. The AUH is purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q13825
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSSEMKTED E L R V R H L E E E N R G I V V L G I N R A Y G K N S L S K N L I K M L S K A V D A L K S D K K V R T I I R S E V P G I F C A G A D L K E R A K M S S E V G P F V S K I R A V I N D I A N L P V P T I A A I D G L A L G G G L E L A L A C D I R V A A S S A K M G L V E T K L A I I P G G G G T Q R L P R A I G M S L A K E L I F S A R V L D G K E A K A V G L I S H V L E Q N Q E G D A A Y R K A L D L A R E F L P Q G P V A M R V A K L A I N Q G M E V D L V T G L A I E E - A C Y A Q T I P T K D R L E G L L A F K E K R P P R Y K G E.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The AUH solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**