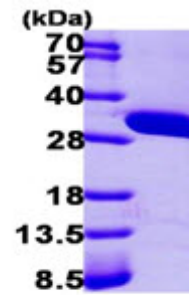


AR09778PU-L**Human AUH (68-339, His-tag) - Purified**

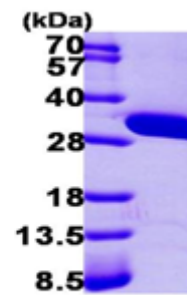
Alternate names:	AU-binding protein/enoyl-CoA hydratase, AU-specific RNA-binding enoyl-CoA hydratase, mitochondrial Methylglutaconyl-CoA hydratase
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	AUH, also known as mitochondrial methylglutaconyl-CoA hydratase, is involved in the amino acid degradation pathway by catalyzing the conversion of 3-methylglutaconyl-CoA to 3-hydroxy-3-methylglutaryl-CoA and water. It has been found to have very low enoyl-CoA hydratase activity.
Uniprot ID:	Q13825
NCBI:	NP_001689
GeneID:	549
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Description:	Recombinant human AUH protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: <u>MGSSHHHHHH</u> SSGLVPRGSH MSSEMKTEDE LRVRHLEEN RGIVVLGINR AYGKNSLSKN LIKMLSKAVD ALKSDKKVRT IIRSEVPGI FCAGADLKER AKMSSSEVGP FVSKIRAVIN DIANLPVPTI AAIDGLALGG GLELALACDI RVAASSAKMG LVETKLAIIP GGGGTQRLPR AIGMSLAKEL IFSARVLDGK EAKAVGLISH VLEQNQEGDA AYRKALDLAR EFLPQGPVAM RVAKLAINQG MEVDLVTGLA IEEACYAQT I PTKDRLEGLL AFKEKRPPRY KGE Molecular weight: 31.4 kDa (293aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Kurimoto K, et al. (2009). Proteins 75(2):360-72. Mack M., et al. (2006). FEBS J. 273(9):2012-22.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human AUH, 68-339aa, His-tagged



15% SDS-PAGE (3ug)