

Recombinant Human IVD protein, His-tagged

Cat. No. IVD-8642H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IVD protein(AAH17202.1) (His30-His423) was expressed in Insect Cells, fused with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	30-423 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 10% glycerol.
Molecular Mass	The recombinant human IVD consists of 412 amino acids and has a calculated molecular mass of 45.3 kDa. The recombinant protein migrates as an approximately 43 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

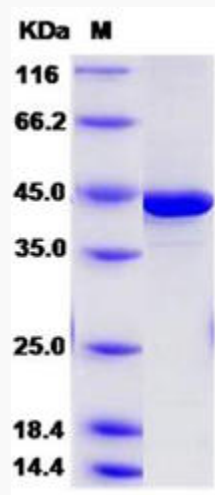
Gene Name	IVD isovaleryl-CoA dehydrogenase [Homo sapiens]
Official Symbol	IVD
Synonyms	IVD; isovaleryl-CoA dehydrogenase; isovaleryl CoA dehydrogenase , isovaleryl Coenzyme A dehydrogenase; isovaleryl-CoA dehydrogenase, mitochondrial; ACAD2; isovaleryl CoA dehydrogenase; isovaleryl Coenzyme A dehydrogenase; FLJ12715; FLJ34849;
Gene ID	3712
mRNA Refseq	NM_001159508
Protein Refseq	NP_001152980
MIM	607036
UniProt ID	P26440

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SDS-PAGE



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