



Recombinant Pongo abelii Isovaleryl-CoA dehydrogenase, mitochondrial (IVD)

Product Code	CSB-EP732736PYX
Abbreviation	IVD
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.	Q5RBD5
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	≥85% (SDS-PAGE)
Sequence	H SLLPVDDAIN GLSEEQRQLR QTVAKFLQEH LAPKAQEIDR SNEFKNLREF WKQLGNLGV L GITAPVQYGG SGLGYLEHVL VMEEISRASG AVGLSYGAHS NLCINQLVRN GNEAQKEKYL PKLISGEYIG ALAMSEPNAG SDVVSMKLKA EKKGNYHILN GNKFWITNGP DADVLIVYAK TDLAAPASR GITAFIVEKG MPGFSTSKKL DKLGMGRSNT CELIFEDCKV PAANILGHEN KGVYVLM SGL DLERLVL AGG PLGLMQAVLD HTIPYLHVRE AFGQKIGHFQ LMQGKMADMY TRLMACRQYV YNVAKACDEG HCTAKDCAGV ILYSAECATQ VALDGIQCFG GNGYINDFPM GRFLRDAKLY EIGAGTSEVR RLVIGRAFNA DFH
Source	E.coli
Target Names	IVD
Protein Names	Recommended name: Isovaleryl-CoA dehydrogenase, mitochondrial Short name= IVD EC= 1.3.99.10
Expression Region	30-423
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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	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.