



Recombinant Pongo abelii Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial (IDH3A)

Product Code	CSB-EP719135PYX-B
Abbreviation	IDH3A
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.	Q5R678
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	≥85% (SDS-PAGE)
Sequence	TGG VQTVTLIPGD GIGPEISAAV MKIFDAAKAP IQWEERNVTA IQGPGGKWMI PSEAKESMDK NKMGLKGPLK TPIAAGHPSM NLLLRKTFDL YANVRPCVSI EGYKTPYTDV NIVTIRENTE GEYSGIEHVI VDGVVQSIKL ITEGASKRIA EFAFEYARNN HRSNVTAVHK ANIMRMSDGL FLQKCREVAE NCKDIKFNEM YLDTVCLNMV QDPSQFDVLV MPNLYGDILS DLCAGLIGGL GVTPSGNIGA NGVAIFESVH GTAPDIAGKD MANPTALLLS AVMMLRHMGL FDHAARIEAA CFATIKDGKS LTKDLGGNAK CSDFTEEICR RVKDLD
Source	E.coli
Target Names	IDH3A
Protein Names	Recommended name: Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial EC= 1.1.1.41 Alternative name(s): Isocitric dehydrogenase subunit alpha NAD(+)-specific ICDH subunit alpha
Expression Region	28-366
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.