



Recombinant Pongo abelii Aldehyde dehydrogenase, mitochondrial (ALDH2)

Product Code	CSB-EP735860PYX
Abbreviation	ALDH2
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.	Q5RF00
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	≥85% (SDS-PAGE)
Sequence	SAA ATQAVPAPNQ QPEVFCNQIF INNEWHDAVS RKTFTVNPS TGEVICQVAE GDKEDVDKAV KAARAAFQLG SPWRRMDASH RGRLLNRLAD LIERDRTYLA ALETLDNGKP YVISYLVLDL MVLKCLRYA GWADKYHGKT IPIDGDDFSY TRHEPVGVCQ QIIPWNFPLL MQAWKLGPAL ATGNVVMKV AEQTPLTALY VANLIKEAGF PPGVVNIVPG FGPTAGAAIA SHEDVDKVAF TGSTEIGRVI QVAAGSSNLK RVTLELGGKS PNIIMSDADM DWAVEQAHFA LFFNQGQCCC AGSRTFVQED IYDEFVERSV ARAKSRVGN PFDSKTEQGP QVDETQFKKI LGYINTGKQE GAKLLCGGGI AADRGYFIQP TVFGDVQDGM TIAKEEIFGP VMQILKFKTI EEVVGRRANS TYGLAAAVFT KDLDKANYLS QALQAGTVWV NCYNVFGAQS PFGGYKMSGG GRELGEYGLQ AYTEVKTVTV KVPQKNS
Source	E.coli
Target Names	ALDH2
Protein Names	Recommended name: Aldehyde dehydrogenase, mitochondrial EC= 1.2.1.3 Alternative name(s): ALDH class 2 ALDH-E2
Expression Region	18-517
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.



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