



Recombinant Human Mitochondrial 10-formyltetrahydrofolate dehydrogenase (ALDH1L2), partial

Product Code	CSB-EP659640HU
Abbreviation	ALDH1L2
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.	Q3SY69
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Source	E.coli
Target Names	ALDH1L2
Protein Names	Recommended name: Mitochondrial 10-formyltetrahydrofolate dehydrogenase Short name= Mitochondrial 10-FTHFDH Short name= mtFDH EC= 1.5.1.6 Alternative name(s): Aldehyde dehydrogenase family 1 member L2
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	Partial
Target Details	This gene encodes a protein, which belongs to both the aldehyde dehydrogenase superfamily and the formyl transferase superfamily. Alternatively spliced transcript variants have been found for this gene.
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.