



Recombinant human Aldehyde oxidase

Product Code	CSB-YP001858HU
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.	Q06278
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	FGSERMMWFSPVTLKELLEFKFKYPQAPVIMGNTSVGPEVKFKGVFHPVIISP DRIEELSVVNHAYNGLTLGAGLSLAQVKDILADVQKLPPEKTQMYHALLKHLG TLAGSQIRNMA SLGGHIISRH PDSLNPILAVGNCTLNLLSKEGKRQIPLNEQFL SKCPNADLKPQEILVSVNIPYSRK
Research Area	Metabolism
Source	Yeast
Target Names	AOX1
Expression Region	236-421aa
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	FAD-binding PCMH-type domain
Target Details	Aldehyde oxidase produces hydrogen peroxide and, under certain conditions, can catalyze the formation of superoxide. Aldehyde oxidase is a candidate gene for amyotrophic lateral sclerosis.
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.