



Recombinant Human Probable proline dehydrogenase 2 (PRODH2)

Product Code	CSB-EP880073HU-B
Abbreviation	PRODH2
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.	Q9UF12
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSPRVVSNSS VLASQSVGIT NVRTVFSNVF NNTTAFPILR GSNCHKITAP GLGKGQLVNL LPPENLPWCG GSQGPRMLRT CYVLC SQAGP PSRGWQSLSF DGGAFHLKGT GELTRALLVL RLCAWPPLVT HGLLLQAWSR RLLGSRLSGA FLRASVYGQF VAGETAEEVK GCVQQLRTL LRP LLAVPTE EEDSAAKSG EAWYEGNLGA MLRCVDLSRG LLEPPSLAEA SLMQLKV TAL TSTR LCKELA SWVRRPGASL ELSPERLAEA MD SGQNLQVS CLNAEQNQHL RASL SRLHRV AQYARAQHVR LLVDAEY TSL NPALSLLVAA LAVRWNSPGE GGPWVWNTYQ ACLKDTFERL GRDAEAAHRA GLAFGVKLVR GAYLDKERAV AQLHG MEDPT QPDYEATSQS YSRCLELMLT HVARHGPMCH LMVASHNEES VRQATKRMWE LGIPLDGTVC FGQLLGMCDH VSLALGQAGY VVKSIPIYGS LEEVIPYLIR RAQENRSVLQ GARREQELLS QELWRRLLPG CRRIPH
Source	E.coli
Target Names	PRODH2
Protein Names	Recommended name: Probable proline dehydrogenase 2 EC= 1.5.99.8 Alternative name(s): Kidney and liver proline oxidase 1 Short name= HsPOX1 Probable proline oxidase 2
Expression Region	1-536
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 protein
Target Details	This protein is similar to proline dehydrogenase (oxidase) 1, a mitochondrial enzyme which catalyzes the first step in proline catabolism. The function of this protein has not been determined.
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

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