Recombinant Mouse Prodh protein, His & T7-tagged

Cat. No. Prodh-8048M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prodh aa. (Arg398~Gly551 (Accession # Q9WU79)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Arg398~Gly551
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.0.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

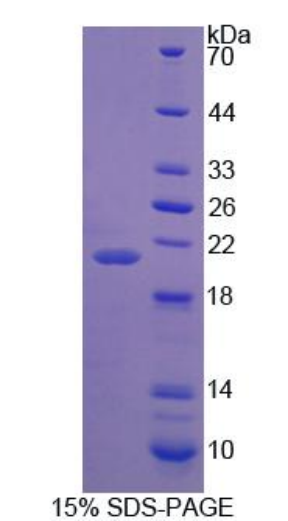
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.

GENE INFORMATION

Gene Name	Prodh proline dehydrogenase [Mus musculus (house mouse)]
Official Symbol	Prodh
Synonyms	Pro1; Pro-1; Ym24d07; proline dehydrogenase, mitochondrial; proline oxidase; proline dehydrogenase 1, mitochondrial
Gene ID	19125
mRNA Refseq	NM_011172.2
Protein Refseq	NP_035302.2
UniProt ID	Q9WU79

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	 15% SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA