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PRODH2 Protein (AA 1-456) (His tag)



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Quantity:	1 mg
Target:	PRODH2
Protein Characteristics:	AA 1-456
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRODH2 protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	MIWTRLPLYG HSKPSTGGWQ PLRFDGGAFH LKRTAELARA LLVLRLCAWP PLVTHGLAFQ
	AWSQRLLGSR LSGALLRASI YGQFVAGETA EEVRGCVQQL QAIGLQPLLA VPTEEEPDSA
	AKTSEAWYEG NLSAMLHCVD LSRAVADAHG PARNSLMQLK VTALTSPRLC KELSAWIQRP
	RGSSELRPER LAEAMESGRN LQLSCLSTEQ NQHLQASLSR LHRVAQHARA QDVRLLVDAE
	YTFINPALSL LVAALAMRLD SSEEEGPWVW NTYQAYLKDT HERLERDAKA AHEAGLAFGV
	KLVRGAYLDK ERSVTQLHGK EDCTQPDYEA TSRSYSRCLE LMLRRVSNHG PRCHLMVASH
	NEESIRQATR RMWELGIPLD GPVCFGQLLG MCDHVSLALG QAGYMVYKSI PYGCLEEVIP
	YLIRRAQENR SVLQGARREQ ALLSQELWRR LLGRTA
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details > 90 % Purity: **Target Details** Target: PRODH2 Probable proline dehydrogenase 2 (Prodh2) (PRODH2 Products) Alternative Name Background: Recommended name: Probable proline dehydrogenase 2. EC= 1.5.99.8. Alternative name(s): Probable proline oxidase 2 Proline oxidase-like protein UniProt: Q2V057 **Application Details** Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies. Restrictions: For Research Use only Handling Format: Lyophilized

Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.