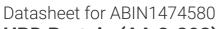
# antibodies -online.com





## HPD Protein (AA 2-393) (His tag)



Go to Product page

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Quantity:	1 mg
Target:	HPD
Protein Characteristics:	AA 2-393
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HPD protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	TTYSNKGPK PERGRFLHFH SVTFWVGNAK QAASFYCNKM GFEPLAYKGL ETGSREVVSH
	VIKQGKIVFV LCSALNPWNK EMGDHLVKHG DGVKDIAFEV EDCEHIVQKA RERGAKIVRE
	PWVEEDKFGK VKFAVLQTYG DTTHTLVEKI NYTGRFLPGF EAPTYKDTLL PKLPSCNLEI
	IDHIVGNQPD QEMESASEWY LKNLQFHRFW SVDDTQVHTE YSSLRSIVVA NYEESIKMPI
	NEPAPGRKKS QIQEYVDYNG GAGVQHIALR TEDIITTIRH LRERGMEFLA VPSSYYRLLR
	ENLKTSKIQV KENMDVLEEL KILVDYDEKG YLLQIFTKPM QDRPTLFLEV IQRHNHQGFG
	AGNFNSLFKA FEEEQALRGN LTDLETNGVR SGM
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.
Purity:	> 90 %

#### **Target Details**

Target:	HPD
Abstract:	HPD Products
Background:	Recommended name: 4-hydroxyphenylpyruvate dioxygenase.
	EC= 1.13.11.27.
	Alternative name(s): 4-hydroxyphenylpyruvic acid oxidase.
	Short name= 4HPPD.
	Short name= HPD.
	Short name= HPPDase F Alloantigen.
	Short name= F protein
UniProt:	P32755

#### **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.