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## Datasheet for ABIN1461284 PAX8 Protein (AA 1-459) (His tag)

### Overview

Quantity:	1 mg
Target:	PAX8
Protein Characteristics:	AA 1-459
Origin:	Dog
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAX8 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MPHNSIRSGH GGLNQLGGAF VNGRPLPEVV RQRIVDLAHQ GVRPCDISRQ LRVSHGCVSK ILGRYYETGS IRPGVIGGSK PKVATPKVVE KIGDYKRQNP TMFAWEIRD R LLAEGVCDND TVPSVSSINR IIRTKVQQPF NLPMDSCVAT KSLSPGHTLI PSSAVTPPES PQSDSLGSTY SINGLLGIAQ PGSDSKRKMD DSDQDSCRLS IDSQSSSSGP RKHLRTDAFS QHHLEPLECP FERQHYPEAY ASPSHTKGEQ GLYPLPLLNS AALDDGKATL TPSNTPLGRN LSTHQTYPVV ADPHSPFAIK QETPEVSSSS STPSSLSSSA FLDLQQVGGA GVPAGASVPP FNAFPHAASV YGQFTGQALL SGREMGVPTL PGYPPHIPTS GQGSYASSAI AGMVAGSEYS GNAYGHTPYS SYGEAWRFPN SLLSSPPYYY SSTSRPSAPP TTATAFDHL
Specificity:	Canis familiaris (Dog) (Canis lupus familiaris)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

Purity: > 90 %

## Target Details

Target: PAX8

Alternative Name: Paired box protein Pax-8 (PAX8) ([PAX8 Products](#))

Background: Recommended name: Paired box protein Pax-8

UniProt: [P47240](#)

Pathways: [Thyroid Hormone Synthesis](#), [Regulation of Hormone Metabolic Process](#), [Stem Cell Maintenance](#), [Tube Formation](#)

## 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 modified 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.