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## Datasheet for ABIN1477592 WNT5B Protein (AA 17-360) (His tag)

### Overview

Quantity:	1 mg
Target:	WNT5B
Protein Characteristics:	AA 17-360
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This WNT5B protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	WKQS VVGANSWWSL ALNPVQRPEM FIIGAQLCS QLTGLSPGQR KLCQLYQDHM VHIGEGAKTG IKECQHQFKH RRWNCSTVDN NSVFGRVMQI GSREAAFTYA ISSAGVVNAI SRACREGELS TCGCSRTPRP KDLPRDWLWG GCGDNVEYGY RFAKEFVDAR EREKNFPKGS EEQARSLMNL QNNEAGRRAV YKLADVACKC HGVSGSCSLK TCWLQLADFR KVGEYIKEKY DSAASMRLNK RNKLEQVNQR FNPPTGEDLV YLDPSPDYCL YNETTGSLGT HGRQCNTSE GMDGCELMCC GRGYDQFKTV QVERCHCKFQ WCCFVKCKKC TEIVDQFVCK
Specificity:	Xenopus laevis (African clawed frog)
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.
Purity:	> 90 %

## Target Details

Target:	WNT5B
Alternative Name:	Protein Wnt-5b (wnt5b) ( <a href="#">WNT5B Products</a> )
Background:	Recommended name: Protein Wnt-5b. Alternative name(s): Protein Wnt-5c. Short name= XWnt-5C
UniProt:	<a href="#">P33945</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Embryonic Body Morphogenesis</a> , <a href="#">Positive Regulation of fat Cell Differentiation</a>

## 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.