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Datasheet for ABIN1625899 DDB2 Protein (AA 1-496) (His tag)

Overview

Quantity:	1 mg
Target:	DDB2
Protein Characteristics:	AA 1-496
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDB2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MARGRAQTDS AASKQTKTVN SKKRPNEETP QPSTKKLKAK QQHKSQKQEE TYIQASVKWT</p> <p>GGQKKVGQTS ILHYIYKSSL GQSIHAQLRQ CLQEPFIRSL KSYKLHRTAS PFDRRVTSLE</p> <p>WHPTHPTTVA VGSKGGDIIL WDYDVLNKTs FIQGMGPGDA ITGMKFNQFN TNQLFVSSIW</p> <p>GATTLRDFSG SVIQVFAKTD SWDYWYCCVD VSVSRQMLAT GDSTGRLLLL GLDGHEIFKE</p> <p>KLHKAKVTHA EFNPRCDWLM ATSSVDATVK LWDLRNIKDK NSYIAEMPHE KPVNAAYFNP</p> <p>TDSTKLLTTD QRNEIRVYSS YDWSKPDQII IHPHRQFQHL TPIKATWHPM YDLIVAGRYP</p> <p>DDQLLLNDKR TIDIYDANSGLVHQLRDPN AAGISLNKF SPTGDVLASG MGFNILIWNR</p> <p>EDTLSSVNRK QTIVTGEDVG GRAGGSRQR SSQQRPSRDR RAAADEAKLK KKLSATETKS</p> <p>KTKSKTESKT SKSKKK</p>
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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: DDB2

Alternative Name: DNA damage-binding protein 2 (ddb2) ([DDB2 Products](#))

Background: Recommended name: DNA damage-binding protein 2.
Alternative name(s): Damage-specific DNA-binding protein 2

UniProt: [Q2YDS1](#)

Pathways: [DNA Damage Repair](#)

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.