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Datasheet for ABIN1662522

## KHG/KDPG aldolase (eda) Protein (AA 1-212) (His tag)

### Overview

Quantity:	1 mg
Target:	KHG/KDPG aldolase (eda) (EDA)
Protein Characteristics:	AA 1-212
Origin:	Haemophilus influenzae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KHG/KDPG aldolase (eda) protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MSYTTQQIIE KLRELKIVPV IALDNADDIL PLADTLAKNG LSVAEITFRS EAAADAIRLL RANRPDFLIA AGTVLTAEQV VLAKSSGADF VVTPGLNPKI VKLCQDLNFP ITPGVNNPMA IEIALEMGIS AVKFFPAEAS GGVKMIKALL GPYAQLQIMP TGGIGLHNIR DYLAIPNIVA CCGSWFVEKK LIQSNNWDEI GRLVREVIDI IK
Specificity:	Haemophilus influenzae (strain ATCC 51907 / DSM 11121 / KW20 / Rd)
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:	KHG/KDPG aldolase (eda) (EDA)
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## Target Details

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Alternative Name:	Putative KHG/KDPG aldolase (eda) ( <a href="#">EDA Products</a> )
Background:	<p>Recommended name: Putative KHG/KDPG aldolase Including the following 2 domains: 4-hydroxy-2-oxoglutarate aldolase.</p> <p>EC= 4.1.3.16.</p> <p>Alternative name(s): 2-keto-4-hydroxyglutarate aldolase.</p> <p>Short name= KHG-aldolase 2-dehydro-3-deoxy-phosphogluconate aldolase.</p> <p>EC= 4.1.2.14.</p> <p>Alternative name(s): 2-keto-3-deoxy-6-phosphogluconate aldolase.</p> <p>Short name= KDPG-aldolase Phospho-2-dehydro-3-deoxygluconate aldolase Phospho-2-keto-3-deoxygluconate aldolase</p>
UniProt:	<a href="#">P44480</a>

## Application Details

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Comment:	<p>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.</p>
Restrictions:	For Research Use only

## Handling

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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

## Handling

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