

Product datasheet

Recombinant Rat Monoacylglycerol Lipase/MGL protein (His tag) ab226888

1 Image

Description

<b>Product name</b>	Recombinant Rat Monoacylglycerol Lipase/MGL protein (His tag)	
<b>Purity</b>	> 90 % SDS-PAGE.	
<b>Expression system</b>	Yeast	
<b>Accession</b>	<a href="#">Q8R431</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Rat	
<b>Sequence</b>	<p>MPEASSPRRTPQNVPYQDLPHLVNADGQYLFCRYWK          PSGTPKALIFVSHG          AGEHCGRYDELAQMLKRLDMLVFAHDHVGHGQSEGE          RMVVSDFQVFVRDL          LQHVNTVQKDYPEVPVFLGHSMGGAISILAAAERPTH          FSGMILISPLIL          ANPESASTLKVLAACKLLNFVLPNISLGRIDSSVLSRNKS          EVDLYNSDPLI          CHAGVKVCFGIQLLNAVSRVERAMPRLTLPFLLQGS          ADRLCDSKGAYLL          MESSPSQDKTLKMYEGAYHVLHKELPEVTNSVLHEINT          WVSHRIAVAGAR CLP</p>	
<b>Predicted molecular weight</b>	36 kDa including tags	
<b>Amino acids</b>	1 to 303	
<b>Tags</b>	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab226888** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
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<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as Monoacylglycerol Lipase

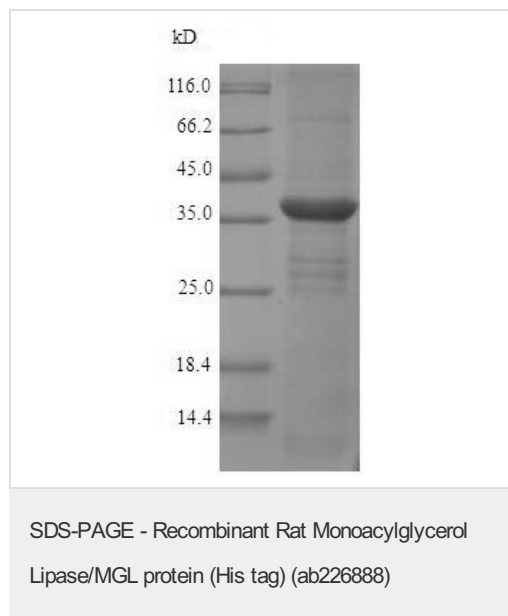
## Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituents: 50% Glycerol, Tris buffer
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## General Info

<b>Function</b>	Converts monoacylglycerides to free fatty acids and glycerol. Hydrolyzes the endocannabinoid 2-arachidonoylglycerol, and thereby contributes to the regulation of endocannabinoid signaling, nociperception and perception of pain (By similarity). Regulates the levels of fatty acids that serve as signaling molecules and promote cancer cell migration, invasion and tumor growth.
<b>Tissue specificity</b>	Detected in adipose tissue, lung, liver, kidney, brain and heart.
<b>Pathway</b>	Glycerolipid metabolism; triacylglycerol degradation.
<b>Sequence similarities</b>	Belongs to the AB hydrolase superfamily. Monoacylglycerol lipase family.

## Images



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis of ab226888 with 5% enrichment gel and 15% separation gel.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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