

Product datasheet

Recombinant Mouse HAO1/GOX protein (His tag)
 ab239572

1 Image

Description

Product name	Recombinant Mouse HAO1/GOX protein (His tag)	
Purity	> 90 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	Q9WU19	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	MLPRLVCISDYEQHVRSVLQKSVDYRSGANDQETLADN IQAFSRWKLY PRMLRNVADIDLSTSVLGQRVSMPICVGATAMQCMAHVD GELATVRACQT MGTGMMMLSSWATSSIEEVAEAGPEALRWMQLYMKDREIS RQVKRAEKQ GYKAIFVTVDTPYLGNRIDDVRNRFKLPPQLRMKNFETNDL AFSPKGNFG DNSGLAEWAQAIDPSLSWDDITWLRRLTSLPIVVKGILRG DDAKEAVKH GVDGILVSNHGARQLDGV PATIDVLP EMEAVEGKVEVFL DGGVRKGTDV LKALALGAKAVFVGRPIIWGLAFQGEKGVQDVLEILKEEFR LAMALSGCQ NVKVIDKTLVRKNPLAVSKI	
Predicted molecular weight	45 kDa including tags	
Amino acids	1 to 370	
Tags	His tag N-Terminus	
Additional sequence information	N-terminal 6xHis-tagged	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab239572** in the following tested applications.

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

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

General Info

Function Has 2-hydroxyacid oxidase activity. Most active on the 2-carbon substrate glycolate, but is also active on 2-hydroxy fatty acids, with high activity towards 2-hydroxy palmitate and 2-hydroxy octanoate.

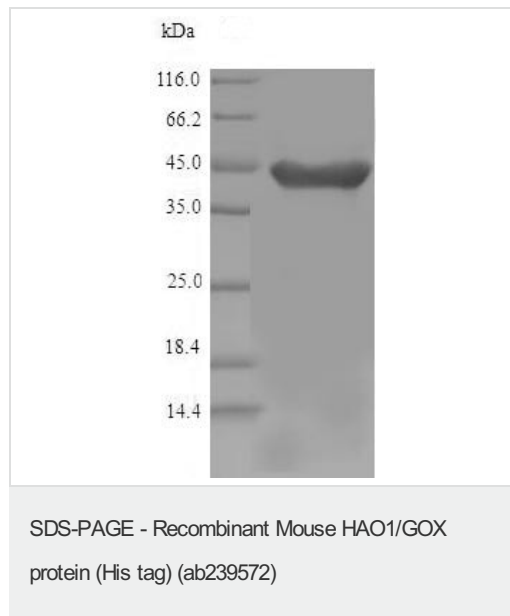
Tissue specificity Liver.

Pathway Organic acid metabolism; glycolate degradation; 3-phospho-D-glycerate from glycolate: step 1/4.

Sequence similarities Belongs to the FMN-dependent alpha-hydroxy acid dehydrogenase family.
Contains 1 FMN hydroxy acid dehydrogenase domain.

Cellular localization Peroxisome.

Images



ab239572 analyzed by (Tris-Glycine gel) discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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