

Product datasheet

Recombinant Human Quinone oxidoreductase protein
ab158208

1 Image

Description

Product name	Recombinant Human Quinone oxidoreductase protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MATGQKLMRAVRVFEFGGPEVLKLRSDIAVPIPKDHQVLI KVHACGVNPV ETYIRSGTYSRKPLLPYTPGSDVAGVIEAVGDNASAFKKG DRVFTSSTIS GGYAEYALAADHTVYKLPEKLDKFQGAAGIPYFTAYRALIH SACVKAGE SVLVHGASGGVGLAACQIARAYGLKILGTAGTEEGQKIVLQ NGAHEVFNH REVNYYDKIKKYVGEKGIDIIIEMLANVNLSKDLSLLSHGGRVI VVGSRG TIEINPRDTMAKESSIIGVTLFSSTKEEFQQYAAALQAGMEI GWLKPVIG SQYPLEKVAEAHENIIHGSGATGKMILL
Amino acids	1 to 329
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab158208** in the following tested applications.

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

Applications	ELISA Western blot
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml. This product was previously labelled as CRYZ

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

Does not have alcohol dehydrogenase activity. Binds NADP and acts through a one-electron transfer process. Orthoquinones, such as 1,2-naphthoquinone or 9,10-phenanthrenequinone, are the best substrates (in vitro). May act in the detoxification of xenobiotics. Interacts with (AU)-rich elements (ARE) in the 3'-UTR of target mRNA species. Enhances the stability of mRNA coding for BCL2. NADPH binding interferes with mRNA binding.

Tissue specificity

Only very low amounts in the lens.

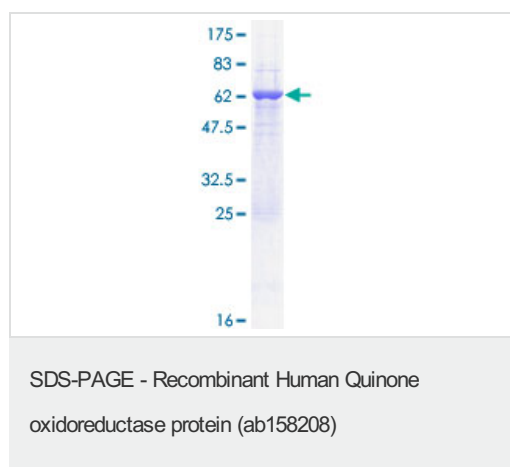
Sequence similarities

Belongs to the zinc-containing alcohol dehydrogenase family. Quinone oxidoreductase subfamily.

Cellular localization

Cytoplasm.

Images



ab158208 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

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