

## Product datasheet

# Recombinant Human Quiescin Q6 protein ab114732

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### Description

<b>Product name</b>	Recombinant Human Quiescin Q6 protein
<b>Expression system</b>	Wheat germ
<b>Accession</b>	<b><u>O00391</u></b>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	KALAEDVKAWRPALYLAALDCAEETNSAVCRDFNIPGFP TVRFFKAFTKN GSGAVFPVAGADVQTLRERLIDALESHHDTWPPACPPLE PAKLEEIDGFF
<b>Predicted molecular weight</b>	37 kDa including tags
<b>Amino acids</b>	81 to 180

### Specifications

Our **Abpromise guarantee** covers the use of **ab114732** 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>	ELISA SDS-PAGE Western blot
<b>Form</b>	Liquid

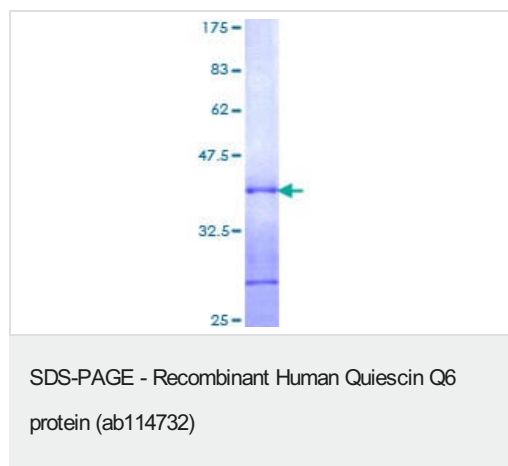
### Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
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### General Info

<b>Function</b>	Catalyzes the oxidation of sulfhydryl groups in peptide and protein thiols to disulfides with the reduction of oxygen to hydrogen peroxide. May contribute to disulfide bond formation in a variety of secreted proteins. In fibroblasts, it may have tumor-suppressing capabilities being involved in growth regulation.
<b>Tissue specificity</b>	Expressed in heart, placenta, lung, liver, skeletal muscle, pancreas and very weakly in brain and kidney.
<b>Sequence similarities</b>	Belongs to the quiescin-sulfhydryl oxidase (QSOX) family. Contains 1 ERV/ALR sulfhydryl oxidase domain. Contains 1 thioredoxin domain.
<b>Cellular localization</b>	Golgi apparatus membrane and Secreted > extracellular space. Found in the extracellular medium of quiescent cells but is not found in proliferating cells.

## Images



12.5% SDS-PAGE showing ab114732 at approximately 36.63kDa. Stained with Coomassie Blue.

**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

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