

## Product datasheet

# Recombinant Human SEC14 like protein 2 ab161677

1 Image

### Overview

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<b>Product name</b>	Recombinant Human SEC14 like protein 2
<b>Protein length</b>	Full length protein

### Description

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<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ

### Amino Acid Sequence

<b>Species</b>	Human
<b>Sequence</b>	MSGRVGDLSPRQKEALAKFRENVQDVLPALPNPDDYFLLRWLRARSFDLQ KSEAMLRKHVEFRKQKQKDDIDNIIISWQPPEVIQQYLSGGMCGYDLGCPVWY DIIGPLDAKGLLFSASKQDLLRTKMRECELLLQECAHQTTKLGRKVEITIT IYDCEGLGLKHLWKPAVEAYGEFLCMFEENYPETLKRFLVVKAPKLFVP AYNLIKPFLSEDRKKIMVLGANWKEVLLKHISPDQVPVEYGGTMTDPDG NPKCKSKINYGGDIPRKYVYRDQVKQQYEHSVQISRGSSHQVEYEILFPG CVLRWQFMSDGADVGFIFLKTGMGERQRAGEMTEVLPNQRYNSHLVPED GTLTCDPVGICKYLCLGNALKPHVQLSACEVPLPPWIFGSEC
<b>Amino acids</b>	1 to 392
<b>Tags</b>	proprietary tag N-Terminus

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab161677** 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>	Western blot ELISA
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml.

### Preparation and Storage

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## 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

Carrier protein. Binds to some hydrophobic molecules and promotes their transfer between the different cellular sites. Binds with high affinity to alpha-tocopherol. Also binds with a weaker affinity to other tocopherols and to tocotrienols. May have a transcriptional activatory activity via its association with alpha-tocopherol. Probably recognizes and binds some squalene structure, suggesting that it may regulate cholesterol biosynthesis by increasing the transfer of squalene to a metabolic active pool in the cell.

### Tissue specificity

Widely expressed. Strong expression in liver, brain and prostate.

### Sequence similarities

Contains 1 CRAL-TRIO domain.

Contains 1 GOLD domain.

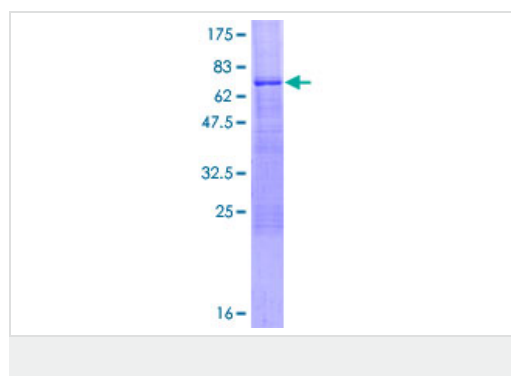
### Developmental stage

Low expression in fetal tissues.

### Cellular localization

Cytoplasm. Nucleus. Cytoplasmic in absence of alpha-tocopherol, and nuclear in presence of alpha-tocopherol.

## Images



ab161677 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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