

Product datasheet

Recombinant Human SEC14 like protein 2 ab161677

1 Image

Overview

Product name	Recombinant Human SEC14 like protein 2
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ

Amino Acid Sequence

Species	Human
Sequence	MSGRVGDLSPRQKEALAKFRENVQDVLPALPNPDDYFLLRWLRARSFDLQ KSEAMLRKHVEFRKQKQKIDIDNIISWQPPEVIQQYLSGGMCGYDLGCPVWY DIIGPLDAKGLLFSASKQDLLRTKMRECELLLQECAHQTTKLGRKVEITIT IYDCEGLGLKHLWKPAVEAYGEFLCMFEENYPETLKRLFVVKAPKLFVP AYNLKPFALSEDTRKKIMVLGANWKEVLLKHISPDQVPVEYGGTMTDPDG NPKCKSKINYGGDIPRKYVYRDQVKQQYEHSVQISRGSSHQVEYEILFPG CVLRWQFMSDGADVGFIFLKTGMGERQRAGEMTEVLPNQRYNSHLVPED GTLTCDPVGICKYLCLGNALKPHVQLSACEVPLPPWIFGSEC
Amino acids	1 to 392
Tags	proprietary tag N-Terminus

Specifications

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.

Applications	Western blot ELISA
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

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

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.

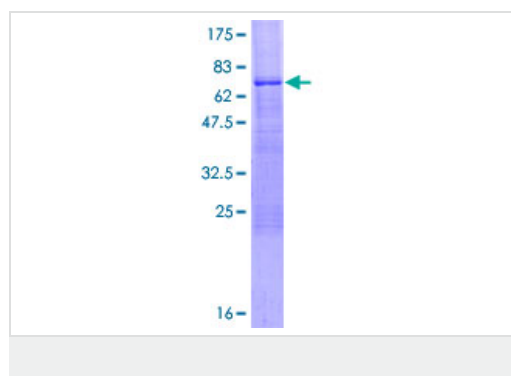
Developmental stage

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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