

Product datasheet

Recombinant Human SEPT7 protein ab158073

1 Image

Overview

Product name	Recombinant Human SEPT7 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	PLAQMEEERREHVAKMKKMEMEMEQVFEMKVKEKV QKLKDSEAE LQRRHE QMKNLEAQHKELEEKRRQFEDEKANWEAQQRILEQ QNSSRTLEKNKKKG KIF
Amino acids	331 to 433
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab158073** 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.

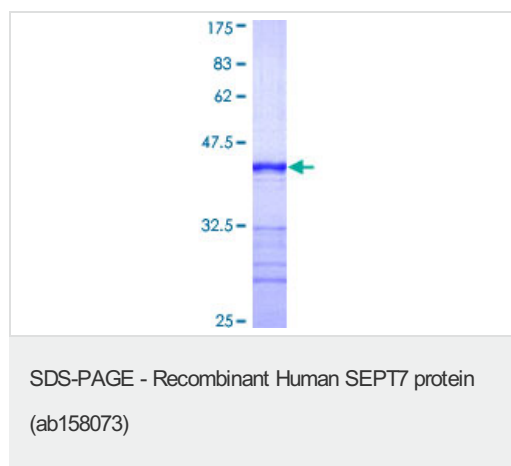
Preparation and Storage

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
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General Info

Function	Filament-forming cytoskeletal GTPase. Required for normal organization of the actin cytoskeleton. Required for normal progress through mitosis. Involved in cytokinesis. Required for normal association of CENPE with the kinetochore. Plays a role in ciliogenesis and collective cell movements.
Tissue specificity	Widely expressed.
Sequence similarities	Belongs to the septin family.
Cellular localization	Cytoplasm. Chromosome > centromere > kinetochore. Cytoplasm > cytoskeleton > spindle. Cleavage furrow. Midbody. Cytoplasm > cytoskeleton > cilium axoneme. Distributed throughout the cytoplasm in prometaphase cells. Associated with the spindle during metaphase. Associated with the central spindle and at the cleavage furrow in anaphase cells. Detected at the midbody in telophase. Associated with actin stress fibers.

Images



ab158073 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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