

Product datasheet

Recombinant Human Stomatin protein (denatured)
 ab167901

1 Image

Description

Product name	Recombinant Human Stomatin protein (denatured)
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	P27105
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<pre> MGSSHHHHHH SSGLVPRGSH MGSKIKEYE RAIIFRLGRI LQGGAKGPGL FFILPCTDSF IKVDMRTISF DIPPQEILTK DSVTISVDGV VYYRVQNATL AVANITNADS ATRLLAQTTL RNVLGTKNLS QILSDREEIA HNMQSTLDDA TDAWGKVER VEIKDVKLPV QLQRAMAAEA EASREARAKV IAEGEMNAS RALKEASMVI TESPAAQLR YLQTLTTIAA EKNSTVFPPL PIDMLQGIG AKHSHLG </pre>
Predicted molecular weight	28 kDa including tags
Amino acids	55 to 288
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab167901** in the following tested applications.

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

Applications	SDS-PAGE
Form	Liquid
Additional notes	Previously labelled as STOM.

Preparation and Storage

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Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol

General Info

Function

Thought to regulate cation conductance. May regulate ACCN1 and ACCN3 gating.

Tissue specificity

Widely expressed.

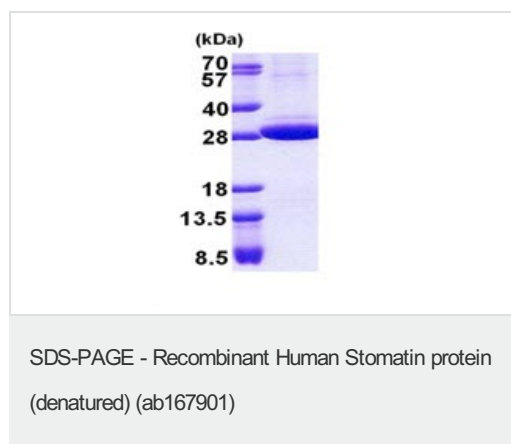
Sequence similarities

Belongs to the band 7/mec-2 family.

Cellular localization

Cell membrane. Cell membrane. Melanosome. Exposed on the cytoplasmic surface of the membrane. Associated with lipid rafts. Concentrates preferentially in plasma membrane protrusions and in a juxta-nuclear region which may represent Golgi-derived vesicles. Colocalizes with actin. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Images



15% SDS-PAGE analysis of ab167901 (3µg).

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

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