

Product datasheet

Recombinant Human DSS1 protein ab174412

1 Image

Description

|  |   |  |
|--|---|--|
| <b>Product name</b>                    | Recombinant Human DSS1 protein  |  |
| <b>Purity</b>                          | > 85 % SDS-PAGE.<br>ab174412 was purified using conventional chromatography.                              |  |
| <b>Expression system</b>               | Escherichia coli  |  |
| <b>Accession</b>                       | <a href="#">P60896</a>  |  |
| <b>Protein length</b>                  | Full length protein   |  |
| <b>Animal free</b>                     | No  |  |
| <b>Nature</b>                          | Recombinant   |  |
| <b>Species</b>                         | Human   |  |
| <b>Sequence</b>                        | MGSSHHHHHHSSGLVPRGSHMGSMSEKKQPVDLGLLEE<br>DDEFEEFPAEDW<br>AGLDEDEDAHVWEDNWDDDNVEDDFSNQLRAELEKHG<br>YKMETS |  |
| <b>Predicted molecular weight</b>      | 11 kDa including tags   |  |
| <b>Amino acids</b>                     | 1 to 70   |  |
| <b>Tags</b>                            | His tag N-Terminus  |  |
| <b>Additional sequence information</b> | (NCBI Accession No. NP_006295).   |  |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab174412** 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>      | Mass Spectrometry<br>SDS-PAGE |
| <b>Mass spectrometry</b> | MALDI-TOF                     |
| <b>Form</b>              | Liquid                        |

Preparation and Storage

**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: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

## General Info

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### Relevance

The gene for DSS1 has been localized within the split hand/split foot malformation locus SHFM1 at chromosome 7. DSS1 has been proposed to be a candidate for the autosomal dominant form of the heterogeneous limb developmental disorder split hand/split foot malformation type 1. In addition, it has been shown to directly interact with BRCA2. It also may play a role in the completion of the cell cycle.

## Images

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15% SDS-PAGE analysis of ab174412 (3 µg).

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

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