

Recombinant Human DSU protein (His tag) ab177607

1 Image

Description	
Product name	Recombinant Human DSU protein (His tag)
Purity	> 90 % SDS-PAGE. ab177607 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>NP_060470</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMGLRDWLRTVCCCC GCECLEERALPEK EPLVSDNNPYSSFGATLVRDDEKNLWSMPHDVSHTAD DDRTLNLVIR NQQAKDSEEWQKLNVDIHLRQVRREVRNRWKCILEDLG FQKEADSLLSV TKLSTISDSKNTRKAREMLLKLAETNIFPTSWELSERYLF VVDRLIALD AAEEFFKLARRTYPKKPGVPCLADGQKELHYLPFPSP
Predicted molecular weight	27 kDa including tags
Amino acids	1 to 214
Tags	His tag N-Terminus
Additional sequence information	(NP_060470)

Specifications	
Our <b>Abpromise guarantee</b> covers the use of <b>ab177607</b> 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 Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	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, 0.88% Sodium chloride, 10% Glycerol (glycerin, glycerine), 0.02% DTT

## General Info

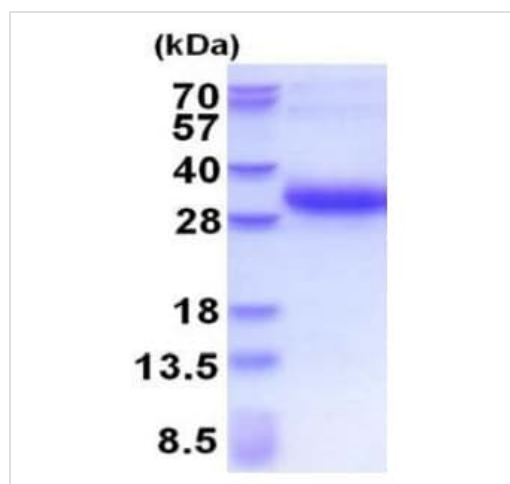
### Relevance

DSU (Dilute suppressor) is also known as Melanoregulin. It has a role in the incorporation of pigments into hair. It is involved in organelle biogenesis and may function in membrane fusion. It may also regulate the biogenesis of disk membranes, specialized organelles of photoreceptor rod cells.

### Cellular localization

Apical cell membrane; Peripheral membrane protein. Note: Localizes to the inner segment and basal outer segment of rods in the retina.

## Images



15% SDS-PAGE analysis of ab177607 (3 µg).

SDS-PAGE - Recombinant Human DSU protein (His tag) (ab177607)

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

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

#### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors