

Product datasheet

Human GRP94 protein fragment ab92260

1 Image

Overview

Product name	Human GRP94 protein fragment
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Species	Human
Sequence	PWQRPSKEVEEDEYKAFYKSFSESDDPMAIHFTAEGEVTFKSILFVP TSAPRGLFDE YGSKKSDYIKLYRRVFITDDFHDMMPKYLNFKVGGVVD SDDLPLNVSRETLQQHKLLKVI RKKLVKRTLDMIKKIADDKYNDTFWK EFGTNIKLGVIEDHSNRTRLAKLLRFQSSHPTD ITSLDQYVERMKEK QDKIYFAGSSRKEAESSPFVERLLKKGYEVMLETPVDEYCIQAL PE FDGKRFQNVAKEGVKFDSEKTKESREAVEKEFEPLLNWMKDKALKDKIE KAVVSQRL TESPCALVASQYGWSGNMERIMKAQAYQTGKDISTNYAS QKKTFEINPRHPLIRDMLRR IKEDEDDKTVLDAVVLVLETATLRSGYL LPDTKAYGDRIERMLRSLNIDPAKVEEEPE EEPEETAEDTTEDTEQ DEDEEMDVGTDEEEETAKESTAEKDEL
Amino acids	341 to 803

Specifications

Our [Abpromise guarantee](#) covers the use of **ab92260** 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
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Form Lyophilised

Preparation and Storage

Stability and Storage

Store at 4°C. Upon reconstitution store at -80°C.

Preservative: None

Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

Reconstitution

Reconstitute with 89 µl aqua dest.

General Info

Function

Molecular chaperone that functions in the processing and transport of secreted proteins. Functions in endoplasmic reticulum associated degradation (ERAD). Has ATPase activity.

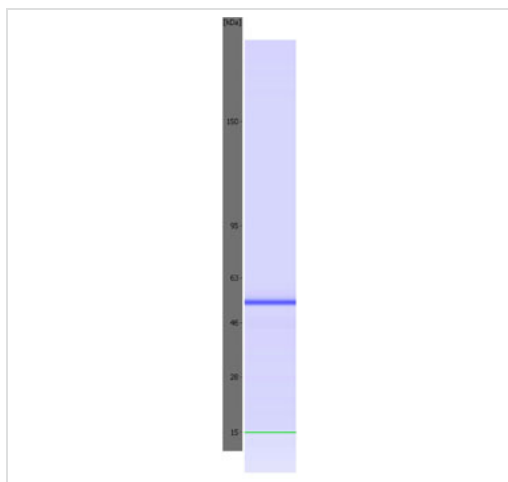
Sequence similarities

Belongs to the heat shock protein 90 family.

Cellular localization

Endoplasmic reticulum lumen. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Images



SDS-PAGE - GRP94 protein (Tagged-His Tag)
(ab92260)

The image shows an electrophoretic assay performed using an Agilent 5100 ALP. In some images coloured control bands can be seen at 15 kDa (green) and/or 240 kDa (purple). The protein-specific band is blue.

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