BioVendor - Laboratorní medicína a.s.
Karásek 1767/1
621 00 Brno-Řečkovice a Mokrá Hora

Date of issue: 02.11.2018

PRODUCT DATASHEET

Placenta-specific Gene 8 Protein

Cat. No.: RD172505100
Type: Recombinant protein
Size: 0.1 mg
Source: E. coli
Species: Human

Description

Total 125 AA. MW: 13.7 kDa (calculated). UniProtKB acc. no. Q9NZF1 (Met1-Phe115). N-terminal His-tag (10 extra AA). Protein identity confirmed by LC-MS/MS.

Other names

PLAC8, Protein C15, BM-004

Amino Acid sequence

MKHHHHHHAS MQAQAPVVVV TQPGVGPGPA PQNSNWQTGM CDCFSDCGVC LCGTFCFPCL GCQVAADMNE CCLCGTSVAM RTLYRTRYGI PGSICDDYMA TLCCPHCTLC QIKRDINRRR AMRTF

Purity

Purity as determined by densitometric image analysis: > 95%

Endotoxin

< 1.0 EU/µg

Formulation:

Filtered (0.4 µm) and lyophilized from 0.5 mg/ml solution in 50mM acetate, 0.1% triton X100, 5% trehalose (w/v) 1mM DTT pH 4.0

Reconstituion:

Add 0.1 M acetate buffer pH 4.0 to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store lyophilized protein at –80°C. Lyophilized protein remains stable until the expiry date when stored at –80°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at –80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

BioVendor - Laboratorní medicína a.s.
Karásek 1767/1
621 00 Brno-Řečkovice a Mokrá Hora, Czech Republic

Phone: +420-549-124-185, Fax: +420-549-211-460
E-mail: info@biovendor.com, sales@biovendor.com
Web: www.biovendor.com

There are BioVendor branches and distributors near you.
To find the office closest to you, visit www.biovendor.com/contact

BioVendor - Laboratorní medicína a.s.
Karásek 1767/1
621 00 Brno-Řečkovice a Mokrá Hora

Date of issue: 02.11.2018

Quality control

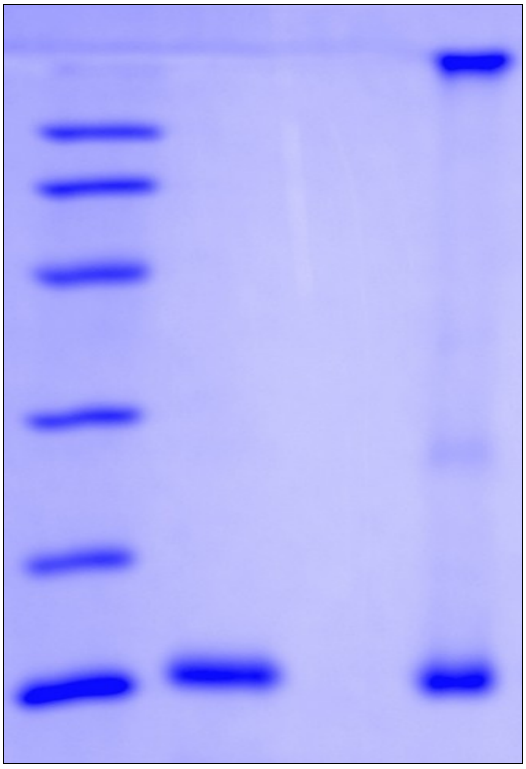
Bradford protein assay to determine quantity of the protein.
SDS-PAGE to determine purity of the protein.
LAL TEST to determine endotoxin level.

Applications

ELISA, Western blotting

Note

This product is intended for research use only.



14 % SDS-PAGE separation of Human PLAC8:
1. M.W. marker – 14, 21, 31, 45, 66, 97 kDa
2. Reduced and boiled sample, 2.5 µg/lane
3. Non-reduced and non-boiled sample, 2.5 µg/lane

BioVendor - Laboratorní medicína a.s.
Karásek 1767/1
621 00 Brno-Řečkovice a Mokrá Hora, Czech Republic

Phone: +420-549-124-185, Fax: +420-549-211-460
E-mail: info@biovendor.com, sales@biovendor.com
Web: www.biovendor.com

There are BioVendor branches and distributors near you.
To find the office closest to you, visit www.biovendor.com/contact