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

Date of issue: 19.11.2018

PRODUCT DATASHEET

FAIM3 Human E. coli

Cat. No.: RD172506100
Type: Recombinant protein
Size: 0.1 mg
Source: E. coli
Species: Human

Description

Total 243 AA. MW: 27.2 kDa (calculated). UniProtKB acc. no. O60667 (Arg18-Ala250). N-terminal His-tag (10 extra AA). Protein identity confirmed by LC-MS/MS.

Other names

Fas apoptotic inhibitory molecule 3, IgM Fc fragment receptor, Regulator of Fas-induced apoptosis Toso1, FCMR, FAIM3, TOSO

Amino Acid sequence

MKHHHHHHAS RILPEVKVEG ELGGSVTIKC PLPEMHVRIY LCREMAGSGT CGTVVSTTNF IKAEYKGRVT LKQYPRKNLF LVEVTQLTES DSGVYACGAG MNTDRGKTQK VTLNVHSEYE PSWEEQPMPE TPKWFHLPYL FQMPAYASSS KFVTRVTTPA QRGKVPPVHH SSPTTQITHR PRVSRASSVA GDKPRTFLPS TTASKISALE GLLKPQTPSY NHHTRLHRQR ALDYGSQSGR EGQ

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 50 mM acetate buffer, pH 4.

Reconstituion:

Add 0.1 M acetate buffer pH 4.0 to prepare a working stock solution of 0.5 mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10 µg/ml. In higher concentrations the solubility of this antigen is limited.

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.

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Quality control

BCA to determine quantity of the protein.

SDS PAGE to determine purity of the protein.

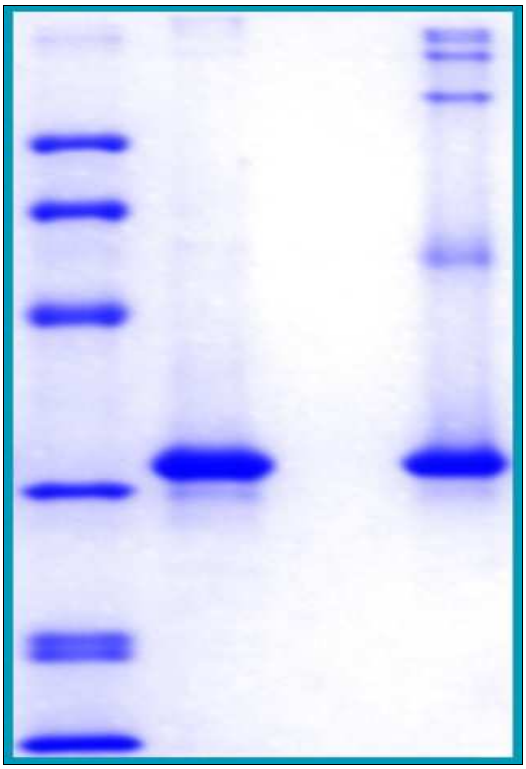
LAL to determine quantity of endotoxin.

Applications

ELISA, Western blotting

Note

This product is intended for research use only.



12 % SDS-PAGE separation of Human FAIM3 (E.coli):
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

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