Tumor Necrosis Factor Ligand Superfamily Member 12 Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: APO3 ligand; TNF-related weak inducer of apoptosis; TWEAK; TNFSF12; APO3L, DR3LG

Cat. No.:
RD172148100-E.coli (0.1 mg)

Description

Total 162 AA. MW: 18.0 kDa (calculated). UniProtKB acc. no. O43508 (Ser94-His249). C-terminal His-tag (5 extra AA). Protein identity confirmed by LC-MS/MS.

Amino Acid Sequence

MSAPKGRKTR ARRAIAAHYE VHPRPGQDGA QAGVDGTVSG WEEARINSSS PLRYNRQIGE FIVTRAGLYY LYCQVHFDEG
KAVYLKLDLL VDGVLALRCL EEFSATAASS LGPQLRLCQV SGLLALRPGS SLRIRTLPWA HLKAAPFLTY FGLFQV **HHHH HH**

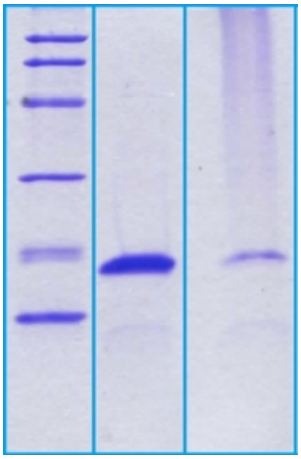
Source

E. coli

Purity

Purity as determined by densitometric image analysis: > 95 %

SDS-PAGE gel



14 % SDS-PAGE separation of Human TWEAK:

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

Endotoxin

< 1.0 EU/µg

Formulation

Filtered (0.4 µm) andand frozen from 0.30 - 0.60 mg/mL in 20 mM Tris buffer, 900 mM NaCl, 20% vol/vol glycerol, pH 7.5.

Reconstitution

Defrost at ambient temperature.Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

On ice. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store the protein at -80 °C. Frozed 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. Thawed protein can be stored at 4 °C for a week.

Quality Control Test

BCA 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.

HEADQUARTERS: BioVendor Laboratorní medicína, a.s.	Karasek 1767/1	621 00 Brno CZECH REPUBLIC	Phone: +420-549-124-185 Fax: +420-549-211-460	E-mail: Web:	info@biovendor.com sales@biovendor.com www.biovendor.com
AUSTRIA: BioVendor GesmbH	Nußdorfer Straße 20/10	1090 Vienna AUSTRIA	Phone: +43-1-89090-25 Fax: +43-1-89090-2515	E-mail:	infoAustria@biovendor.com
GERMANY, SWITZERLAND: BioVendor GmbH	Otto-Hahn-Straße 16	34123 Kassel GERMANY	Phone: +49-6221-433-9100 Fax: +49-6221-433-9111	E-mail:	infoEU@biovendor.com
USA, CANADA AND MEXICO: BioVendor LLC	128 Bingham Rd. Suite 1300	Asheville, NC 28806 USA	Phone: +1-828-575-9250 +1-800-404-7807 Fax: +1-828-575-9251	E-mail:	infoUSA@biovendor.com