



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Anti-BCMA Single-Chain Variable Fragment, His-Tag Molecule

Catalog: 100173  
Lot: 180815-2

## Product Information

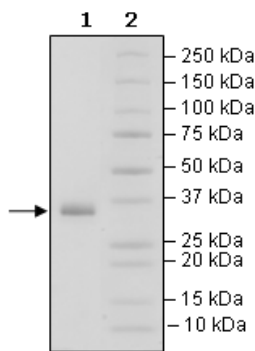
<b>Description:</b>	This molecule is a single-chain variable fragment (scFv) of an anti-BCMA (B-cell maturation antigen) antibody. This construct contains a C-terminal His-Tag (6xHis). This protein was affinity purified.
<b>Background:</b>	B-cell maturation antigen (BCMA), also known as CD269 or tumor necrosis factor receptor superfamily member 17 (TNFRSF17), is a cell surface receptor of the TNF receptor superfamily that recognizes B-cell activating factor (BAFF). BCMA is preferentially expressed in mature B lymphocytes and also on Multiple Myeloma (MM) cells. BCMA is a highly attractive target antigen for immunotherapy because of its restricted expression in non-malignant tissue but almost universal expression on MM cells. CAR (chimeric antigen receptor)-T BCMA cells are an autologous T cell product engineered by lentiviral transduction to express a fully human BCMA-specific CAR. CAR-T cells targeting BCMA have pre-clinical anti-MM activity, and in 2017, the FDA granted BCMA CAR T-Cell immunotherapy breakthrough designation in Multiple Myeloma.
<b>Species:</b>	Human
<b>Concentration:</b>	1.96 mg/ml
<b>Expression System:</b>	HEK293
<b>Purity:</b>	≥90%
<b>Format:</b>	Aqueous buffer solution.
<b>Formulated In:</b>	8 mM phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol
<b>MW:</b>	31 kDa
<b>Stability:</b>	At least 6 months at -80°C.
<b>Storage:</b>	-80°C
<b>Instructions for Use:</b>	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
<b>Assay Conditions:</b>	A plate was coated with Anti-BCMA Single-Chain Variable Fragment, His-Tag Molecule (#100173) at 100 ng/well. The plate was then incubated with BCMA, Fc-fusion (IgG1), Avi-Tag, Biotin-Labeled Recombinant (#79467) at different concentrations (0-300 nM in a 3-fold dilution series). Binding was detected with Strep-HRP.
<b>Applications:</b>	Binding to BCMA by ELISA.

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## Quality Control Data

### 4-20% SDS-PAGE Coomassie Staining



### Anti-BCMA:BCMA (Biotin) Binding Activity

