

## Human TACI

Synonyms: CD267, CVID, CVID2, TACI, TNFRSF14B, Tumor necrosis factor receptor superfamily, member 13B, Tumor necrosis factor receptor superfamily, member 13B, isoform CRA\_a, TNFRSF13B.

**PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING**

Size	Order #	Lot #	Expiry Date
5 µg	1910.950.005		
20 µg	1910.950.020		
1 mg	1910.950.199		

Please enquire for bulk quantities and other vial sizes

### Description

TACI Human Recombinant produced in *E. Coli* is a single, non-glycosylated, polypeptide chain containing 160 amino acids and having a molecular mass of 18.0kDa.

- **Source** *E. Coli*
- **Purity** ≥ 95 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** TACI protein was lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4\*
- **Physical state** Sterile filtered, lyophilized

### Biological Activity

Fully biologically active when compared to standard. The biological activity is determined by its ability to block human BAFF induced T2B cell survival using a concentration range of 1.0-3.0 µg/ml corresponding to a specific activity of 334-1000 IU/mg.

### Reconstitution

It is recommended to reconstitute the lyophilized TACI in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

### Stability

Lyophilized TACI although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TACI should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

### Amino Acid Sequence

MSGLGRSRRG GRSRVDQEER FPQGLWTGVA MRSCPEEQYW DLLLGTCMSC KTICNHQSQR TCAAFCRSLS  
 CRKEQGKFYD HLLRDCISCA SICGQHPKQC AYFCENKLRV PVNLPPELRR QRSGEVENNS DNSGRYQGLE  
 HRGSEASPAL PGLKLSADQV

**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

ORDERING  
 Tel.: +49 40 43208448-0  
 order@active-bioscience.de  
 www.active-bioscience.de

TECHNICAL SUPPORT  
 Tel.: +49 40 43208448-11  
 support@active-bioscience.de

Active Bioscience GmbH  
 Oberaltenallee 8  
 D-22081 Hamburg  
 HRB 98170 Amtsgericht Hamburg